



Recombinant Human Probable ATP-dependent RNA  
helicase DDX53(DDX53)

Catalog No: #AP77963

Package Size: #AP77963-1 20ug #AP77963-2 100ug #AP77963-3 1mg

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Description

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| Product Name          | Recombinant Human Probable ATP-dependent RNA helicase DDX53(DDX53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Brief Description     | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purification          | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen Description | Expression Region:1-631aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Other Names           | Cancer-associated gene protein<br>Cancer,testis antigen 26<br>Short name:<br>CT26<br>DEAD box protein 53<br>DEAD box protein CAGE<br>CAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Accession No.         | Q86TM3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Uniprot               | Q86TM3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| GeneID                | 168400;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Calculated MW         | 76.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tag Info              | N-terminal 10xHis-tagged and C-terminal Myc-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Target Sequence       | MSHWAPEWKRAEANPRDLGASWDVVRGSRGSGWSPFGHQGPRAAGSREPPLCFKIKNNMVGVVIGYSGS<br>KIKDLQHSTNTKIQIINGESEAKVRIFGNREMKAKAKAAIETLIRKQESYNSESSVDNAASQTPIGRNLGRNDIVG<br>EAEPLSNWDRIRAAVVECEKRKWADLPPVKKNFYIESKATSCMSEMQVINWRKENFNITCDDLKSGEKRLIPK<br>PTCRFKDAFQQYPDLLKSIIRVGIVKPTPIQSQAWPILQGIDLIVVAQTGTGKTLSYLMPGFIHLDSQPISREQRN<br>GPGMLVLTPTRELALHVEAECSKYSYKGLKSICIYGGNRNRNGQIEDISKGVDDIIATPGRNLNDLQMNNSVNLR<br>SIT YLVIDEADKMLDMEFEPQIRKILLDVRPDRQTVMTSATWPDTVRQLALSYLKDPMIVYVGNLNLVAVNTVKQ<br>NII VTTEKEKRALTQEFVENMSPNDKVIMFVSQKHIADDLSSDFNIQGISAESLHGNSEQSDQERAVEDFKSGNIKI<br>LITTDIVSRGLDNDVTHVYNYDFPRNIDVYVHRVGYIGRTGKTGTSVTLITQRDSKMAGELIKILDRANQSVPE<br>DLVMAEQYKLNQKQRHRETRSRKPGQRRKEFYFLS |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                          |

References

"Promoter hypomethylation of a novel cancer,testis antigen gene CAGE is correlated with its aberrant expression and is seen in premalignant stage of

gastric carcinoma."

Cho B., Lee H., Jeong S., Bang Y.J., Lee H.J., Hwang K.S., Kim H.Y., Lee Y.S., Kang G.H., Jeoung D.I.

Biochem. Biophys. Res. Commun. 307:52-63(2003)Research Topic:Cancer

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Note: This product is for in vitro research use only