

Recombinant Human Ribonucleoside-diphosphate reductase subunit M2(RRM2)

Catalog No: #AP70730

Package Size: #AP70730-1 20ug #AP70730-2 100ug #AP70730-3 1mg

Description

Product Name	Recombinant Human Ribonucleoside-diphosphate reductase subunit M2(RRM2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-389aSequence Info:Full Length
Other Names	Ribonucleotide reductase small chainRibonucleotide reductase small subunit
Accession No.	P31350
Calculated MW	60.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MLSLRVPLAPITDPQQLQLSPLKGLSLVDKENTPPALSGTRVLASKTARRIFQEPTPKTKAAAPGVEDEPLLR ENPRRFVIFPIEYHDIWQMYKKAEASFWTAAEEVDLSKDIQHWESLKPEERYFISHVLAFFAASDGIVNENLVER FSQEVQITEARCFYGFQIAMENIHSEMYSLIDITYIKDPKEREFLFNAIETMPCVKKKADWALRWIGDKEATYGE RVVAFAAVEGIFFGSGSFASIFWLKKRGLMPGLTFSNELISRDEGLHCDFACLMFKHLVHKPSEERVREIINAVRI EQEFLTEALPVKLIGMNCTLMQYIEFVADRLMLELGFSKVFRVENPFDPMENISLEGKTNFFEKRVGEYQRM GVMSSPTENSFTLDADF
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. 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.

Background

Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. Inhibits Wnt signaling.

References

System-wide temporal characterization of the proteome and phosphoproteome of human embryonic stem cell differentiation.Rigbolt K.T., Prokhorova T.A., Akimov V., Henningsen J., Johansen P.T., Kratchmarova I., Kassem M., Mann M., Olsen J.V., Blagoev B.Sci. Signal. 4:RS3-RS3(2011)
Research Topic:Transcription

Note: This product is for in vitro research use only and is not intended for use in humans or animals.