

Recombinant Human mRNA export factor(RAE1)

Catalog No: #AP76921

Package Size: #AP76921-1 20ug #AP76921-2 100ug #AP76921-3 1mg

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Description

Product Name	Recombinant Human mRNA export factor(RAE1)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-368aaSequence Info:Full Length
Other Names	Rae1 protein homolog mRNA-associated protein mrnp 41
Accession No.	P78406
Uniprot	P78406
GeneID	8480;
Calculated MW	68 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MSLFGTTSFGTSGTSMFGSATTDNHNPMKDIEVTSSPDDSIGCLSFSPPTLPGNFIAGSWANDVRCWEVQ DSGQTIPKAQQMHTGPVLDVCWSDDGSKVFTASCDKTAKMWDLSSNQAIQIAQHDAPVKTIHWIKAPNYSCV MTGSWDKTLKFWDTRSSNPMMLVQLPERCYCADVIYPMVAVATAERGLIVYQLENQPSFRRIESPLKHQHR CVAIFKDKQNKPTGFALGSIEGRVAIHYNPPNPAKDNFTFKCHRSNGTNTSAPQDIYAVNGIAFHPVHGTLATV GSDGRFSFWDKDARTKLKTSEQLDQPISACCFNHNGNIFAYASSYDWSKGHEFYNPQKKNYIFLRNAAEELK PRNKK
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

Binds mRNA. May function in nucleocytoplasmic transport and in directly or indirectly attaching cytoplasmic mRNPs to the cytoskeleton.

References

"The human RAE1 gene is a functional homologue of Schizosaccharomyces pombe rae1 gene involved in nuclear export of poly(A)+ RNA."

Bharathi A., Ghosh A., Whalen W.A., Yoon J.H., Pu R., Dasso M., Dhar R.

Gene 198:251-258(1997)Research Topic:Others

Note: This product is for in vitro research use only