

# Recombinant human Eukaryotic translation initiation factor 1 protein

Catalog No: #AP71870

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Package Size: #AP71870-1 20ug #AP71870-2 100ug #AP71870-3 1mg

## Description

Product Name	Recombinant human Eukaryotic translation initiation factor 1 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-113aaSequence Info:Full Length
Other Names	A121;Protein translation factor SUI1 homologSui1iso1
Accession No.	P41567
Uniprot	P41567
GeneID	10209;
Calculated MW	39.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MSAIQNLHSFDPFADASKGDDLLPAGTEDYIHIRIQQRNGRKTLLTVQGIADDYDKKKLVKAFKKKFACNGTVIE HPEYGEVIQLQGDQRKNICQFLVEIGLAKDDQLKVHGF
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

Necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA.

## References

Novel Upf2p orthologues suggest a functional link between translation initiation and nonsense surveillance complexes.Mendell J.T., Medghalchi S.M., Lake R.G., Noensie E.N., Dietz H.C.Mol. Cell. Biol. 20:8944-8957(2000)Research Topic:Metabolism

Note: This product is for in vitro research use only