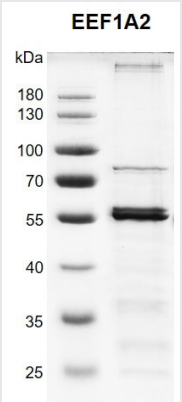
EEF1A2 Recombinant Protein

PRODUCT OVERVIEW

Product Name	EEF1A2, Recombinant Protein
Full Product Name	Recombinant EEF1A2 protein
Product Gene Name	EEF1A2 recombinant protein
Product Synonym Names	Eukaryotic Translation Elongation Factor 1 Alpha 2
Host	E Coli
Form/Format	Recombinant EEF1A2 protein is supplied in 25mM Tris-HCl pH7.4, 500mM NaCl, 10% glycerol, and 0.5mM TCEP.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. Shipping Temp: Dry Ice
Molecular Weight	50kDa
Chromosome Location	Chromosome: 20; NC_000020.10 (62119365..62130668, complement). Location: 20q13.3
OMIM	602959
3D Structure	ModBase 3D Structure for Q05639
Protein Species	Human
Tag	His-Tag
Notes	This product was manufactured as described in Protein Details. Where possible, We has developed functional or activity assays for recombinant proteins. Additional characterization such as enzyme kinetic activity assays, inhibitor screening or other biological activity assays may not have been performed for every product. All available data this product is shown.
Dry Ice Shipment	Extra charge fee may add to your shipping cost as dry ice is required to ship this product.
Product Categories/Family for EEF1A2 recombinant protein	Recombinant Proteins; Transcription
Related Product Information for EEF1A2 recombinant protein	Short Description: EEF1A2 (Eukaryotic Translation Elongation Factor 1 Alpha 2), also called as EF1A or Statin, is an isoform of the alpha subunit of the elongation factor-1 complex. This complex is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. There are two isoforms for subunit alpha, EEF1A1 and EEF1A2. EEF1A2 promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. Background: EEF1A2 (Eukaryotic Translation Elongation Factor 1 Alpha 2), also called as EF1A or Statin, is an isoform of the alpha subunit of the elongation factor-1 complex. This complex is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. There are two isoforms for subunit alpha, EEF1A1 and EEF1A2. EEF1A2 promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer.
Other Notes	Small volumes of EEF1A2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EEF1A2 purchase	MBS389269 is a recombinant protein targeting EEF1A2. Also known as Recombinant EEF1A2 protein. Host: E Coli.



SDS-Page of EEF1A2 recombinant protein
Recombinant EEF1A2 protein gel 10% SDS-PAGE gel MW: 54 kDa Purity: >80%

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EEF1A2. It may not necessarily be applicable to this product.

NCBI GI #	4503475
NCBI GeneID	1917
NCBI Accession #	NP_001949.1
UniProt Primary Accession #	Q05639
UniProt Secondary Accession #	P54266; Q0VGC7; B5BUF3; E1P5J1
UniProt Related Accession #	Q05639
GenBank Nucleotide #	NM_001958.3
NCBI Official Full Name	elongation factor 1-alpha 2
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 alpha 2
NCBI Official Symbol	EEF1A2
NCBI Official Synonym Symbols	HS1; STN; EF1A; STNL; EEF1AL; EF-1-alpha-2
UniProt Protein Name	Elongation factor 1-alpha 2
UniProt Synonym Protein Names	Eukaryotic elongation factor 1 A-2; eEF1A-2; Statin-S1
UniProt Gene Name	EEF1A2
UniProt Synonym Gene Names	EEF1AL; STN; EF-1-alpha-2; eEF1A-2
UniProt Entry Name	EF1A2_HUMAN
NCBI Protein Information	elongation factor 1-alpha 2; eEF1A-2; statin S1; statin-S1; elongation factor-1 alpha; eukaryotic elongation factor 1 A-2
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