Eukaryotic Translation Initiation Factor 4e-1b (eif4e1b) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 4E-1B (eif4e1b), Recombinant Protein
Full Product Name	Recombinant Danio rerio Eukaryotic translation initiation factor 4E-1B (eif4e1b)
Product Gene Name	eif4e1b recombinant protein
Product Synonym Gene Name	eif4e1b
Sequence	MASCAVQLID KVPKKKVEKK KFEPNILKEP CMKHPLQNRW GLWFYKNDKS KMWQDNLRLI TKFDTVEDFW GLYNNIQLPS KLSSGCDYSM FKDGIEPMWE DRSNKCGGRW LITLAKQHRH TELDHFWLET LLCLIGEGFS SFSRDICGSV INIRAKGDKI ALWTSNAENC ETVTYIGRKY KESLGLPQKL VIGYQAHADT ATKSNSITKN KFVV
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	24,745 Da
Sequence Positions	1-214, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9PW28
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eif4e1b recombinant protein	MBS1390671 is a recombinant protein targeting eif4e1b. Also known as Recombinant Danio rerio Eukaryotic translation initiation factor 4E-1B (eif4e1b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eif4e1b 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for eif4e1b. It may not necessarily be applicable to this product.

NCBI GI #	18858611
NCBI GeneID	30738
NCBI Accession #	NP_571529.1
UniProt Primary Accession #	Q9PW28
UniProt Secondary Accession #	Q9PW27
UniProt Related Accession #	Q9PW28

GenBank Nucleotide #	NM_131454.1
NCBI Official Full Name	eukaryotic translation initiation factor 4E-1B
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E family member 1B
NCBI Official Symbol	eif4e1b
NCBI Official Synonym Symbols	Z4ES; eif4e; zeIF4E; eIF4E-1B
UniProt Protein Name	Eukaryotic translation initiation factor 4E-1B
Protein Family	Eukaryotic translation initiation factor
UniProt Gene Name	eif4e1b
UniProt Synonym Gene Names	eIF4E; eIF4E-1B
NCBI Protein Information	eukaryotic translation initiation factor 4E-1B
UniProt Comments for eif4e1b	Does not appear to be a mRNA-cap-binding protein.
Research Articles on eif4e1b	**1.** eIF4E-1A and eIF4E-1B are differentially expressed and functionally divergent
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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