Eukaryotic Translation Initiation Factor 3 Subunit G-2 (eIF3-S4-2) Drosophila Willistoni Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit G-2 (eIF3-S4-2), Recombinant Protein
Full Product Name	Recombinant Drosophila willistoni Eukaryotic translation initiation factor 3 subunit G-2 (eIF3-S4-2)
Product Gene Name	eIF3-S4-2 recombinant protein
Sequence	MKPIKTSWAD EVEADYVDGL PPAKEYIEGE YKYVTEYKYN EDGKKIKVVR TFKIKKQVVS KAVAKRRNWV KFGESSSDKP GPNSQTTMAA EEIFMLFMGS KEFEQTNELQ IDPGKNIAKC RICNGEHWSV NCPYKGTAMD SKTMMENKAT AAAAAVGDPK SGKYVPPFLK EGGASGKPWA RERDDSSAVR ISNLSESMTE VDLEELVKKI GPHTKMYLAR EKNTGLCKGF AYVHFKFRQD AAAAIEILNG HGYDHLILCV EWSKPQNQ
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	30,079 Da
Sequence Positions	1-268, 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 B4NFY1
Species	Drosophila willistoni (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eIF3-S4-2 recombinant protein	MBS1007295 is a recombinant protein targeting eIF3-S4-2. Also known as Recombinant Drosophila willistoni Eukaryotic translation initiation factor 3 subunit G-2 (eIF3-S4-2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eIF3-S4-2 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 eIF3-S4-2. It may not necessarily be applicable to this product.

NCBI GI #	195449760
NCBI GeneID	6649503
NCBI Accession #	XP_002072212.1
UniProt Primary Accession #	B4NFY1

UniProt Related Accession #	B4NFY1
GenBank Nucleotide #	XM_002072176.3
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit G-B
NCBI Official Symbol	LOC6649503
NCBI Official Synonym Symbols	eIF3gb; GK22449; eIF3-S4; GK22449-PA
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit G-B
UniProt Synonym Protein Names	Eukaryotic translation initiation factor 3 RNA-binding subunit 2
UniProt Gene Name	eIF3gb
UniProt Synonym Gene Names	eIF-3 RNA-binding subunit 2
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit G-B
UniProt Comments for eIF3-S4-2	RNA-binding component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is involved in protein synthesis of a specialized repertoire of mRNAs and, together with other initiation factors, stimulates binding of mRNA and methionyl-tRNAi to the 40S ribosome. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation. This subunit can bind 18S rRNA.
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