Eukaryotic Translation Initiation Factor 3 Subunit D-1 (eIF-3p66) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit D-1 (eIF-3p66), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Eukaryotic translation initiation factor 3 subunit D-1 (eIF-3p66), partial
Product Gene Name	eIF-3p66 recombinant protein
Product Synonym Gene Name	eIF-3p66
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	63,798 Da
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 Q9VCK0
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eIF-3p66 recombinant protein	MBS1347002 is a recombinant protein targeting eIF-3p66. Also known as Recombinant Drosophila melanogaster Eukaryotic translation initiation factor 3 subunit D-1 (eIF-3p66), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eIF-3p66 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 eIF-3p66. It may not necessarily be applicable to this product.

NCBI GI #	24649360
NCBI GeneID	42789
NCBI Accession #	NP_524463.2
UniProt Primary Accession #	Q9VCK0
UniProt Secondary Accession #	Q9NHP3
UniProt Related Accession #	Q9VCK0
GenBank Nucleotide #	NM_079739.4

NCBI Official Full Name	eukaryotic initiation factor 3 p66 subunit
NCBI Official Synonym Full Names	Eukaryotic initiation factor 3 p66 subunit
NCBI Official Symbol	eIF-3p66
NCBI Official Synonym Symbols	153314_at; BEST:GM10514; CG10161; DmelCG10161; eIF3-S7; eIF3d; eiF3p66; eIF3p66; GM04979; GM10514
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit D-1
UniProt Synonym Protein Names	Eukaryotic translation initiation factor 3 subunit 7-1
Protein Family	Eukaryotic translation initiation factor
UniProt Gene Name	eIF3d1
UniProt Synonym Gene Names	eIF3d-1
NCBI Protein Information	CG10161 gene product from transcript CG10161-RB
UniProt Comments for eIF-3p66	mRNA cap-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. In the eIF-3 complex, eif3d specifically recognizes and binds the 7-methylguanosine cap of a subset of mRNAs.
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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