Cytosolic Fe-S Cluster Assembly Factor NUBP1 Homolog (GL18780) Drosophila Persimilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytosolic Fe-S cluster assembly factor NUBP1 homolog (GL18780), Recombinant Protein
Full Product Name	Recombinant Drosophila persimilis Cytosolic Fe-S cluster assembly factor NUBP1 homolog (GL18780)
Product Gene Name	GL18780 recombinant protein
Sequence	MQAPPPEHCP GVESEQAGQV SACAGCPNQS ICSDPNKKRE DPGKALVAAA LKDVKHKLLI LSGKGGVGKS TVTTLLTRYL ARSYPDSNFG VLDIDICGPS QPRLMGALGE NVHQSGSGWS PVGIDDNVCL MSIGFLLGSV DDAIIWRGPK KNGMIRQFLS EVDWGNLDLL LLDTPPGTSD EHLSVVSYLK DDSAPDSVHA IIVTTPQEVA LLDVRKEINF CKKQQIPIVG VIENMSGFRC GHCGHSSEIF PAKTGGAAAM CAEMEVPLLG SLPLDPAIAK ACDAGEDITS VKNPTTEALE GICSKIMSSF N
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	32,851 Da
Sequence Positions	1-311, 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 B4G8R5
Species	Drosophila persimilis (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GL18780 recombinant protein	MBS1228816 is a recombinant protein targeting GL18780. Also known as Recombinant Drosophila persimilis Cytosolic Fe-S cluster assembly factor NUBP1 homolog (GL18780). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GL18780 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 GL18780. It may not necessarily be applicable to this product.

NCBI GI #	195147564
NCBI GeneID	6589129
NCBI Accession #	XP_002014749.1
UniProt Primary Accession #	B4G8R5

UniProt Related Accession #	B4G8R5
GenBank Nucleotide #	XM_002014713.1
NCBI Official Full Name	GL18780
NCBI Official Symbol	DperGL18780
NCBI Official Synonym Symbols	dper_GLEANR_20919; GL18780
UniProt Protein Name	Cytosolic Fe-S cluster assembly factor NUBP1 homolog
UniProt Gene Name	GL18780
NCBI Protein Information	GL18780 gene product from transcript GL18780-RA
UniProt Comments for GL18780	Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NUBP1-NUBP2 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins.
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