Protein Preli-Like (prel) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein preli-like (prel), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Protein preli-like (prel)
Product Gene Name	prel recombinant protein
Product Synonym Gene Name	prel
Sequence	MVVAASTCRT ETVFDYSWMN VVVAYWNRYP NPSSTHVLTE DTIQREVRDG KLFSRRLLSK TNPVPKWGAR FYNNVPVKIV EDSVLDPVKK TFTTFTRNLG MTKIMKVDEI VVYSEQKDGS TLAVRRAYIS SQVFGFSRAI RAFGIERFKA NGNKASNGFN YVLRRMFPDS LVGGGHHQHA VTTTSPAGEL PATTITVSTT NGSLNNQGAL KSAAKVGYEF FKSHASKIAQ LFSVKN
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	26,273 Da
Sequence Positions	1-236, 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 Q9V579
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for prel recombinant protein	MBS1382388 is a recombinant protein targeting prel. Also known as Recombinant Drosophila melanogaster Protein preli-like (prel). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of prel 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 prel. It may not necessarily be applicable to this product.

NCBI GI #	442623002
NCBI GeneID	35969
NCBI Accession #	NP_001260824.1
UniProt Primary Accession #	Q9V579
UniProt Secondary Accession #	Q95RE6

UniProt Related Accession #	Q9V579
GenBank Nucleotide #	NM_001273895.1
NCBI Official Full Name	preli-like, isoform C
NCBI Official Synonym Full Names	preli-like
NCBI Official Symbol	prel
NCBI Official Synonym Symbols	BcDNA:LD36516; CG8806; DmelCG8806
UniProt Protein Name	Protein preli-like
Protein Family	Protein
UniProt Gene Name	prel
NCBI Protein Information	CG8806 gene product from transcript CG8806-RC
Research Articles on prel	**1.** Study shows that the Drosophila mitochondrial protein Preli-like (Prel), a member of the conserved PRELI/MSF1 family, contributes to the integrity of mitochondrial structures, the activity of respiratory chain complex IV and the cellular ATP level.
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