Chorion Protein S18 (CP18) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chorion protein S18 (Cp18), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Chorion protein S18 (Cp18)
Product Gene Name	Cp18 recombinant protein
Sequence	NSYGRSRGGY GGAPVGGYAY QVQPALTVKA IVPSYGGGYG GNHGGYGGAY ESVPVPVSSA YSGANVGSQY SGSGYGGAPP VDAQAIALAK LALAAPSAGA PLVWKEAPRY AQPVYPPTSY VNQEYGHSEK VKGGSAAAAA SSVAAGKKGY KRPSY
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	17,231 Da
Sequence Positions	18-172, 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 P07184
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Cp18 recombinant protein	MBS1095916 is a recombinant protein targeting Cp18. Also known as Recombinant Drosophila melanogaster Chorion protein S18 (Cp18). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Cp18 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 Cp18. It may not necessarily be applicable to this product.

NCBI GI #	17647281
NCBI GeneID	38998
NCBI Accession #	NP_523978.1
UniProt Primary Accession #	P07184
UniProt Secondary Accession #	Q9VSP1; A4ULX3; A8E6T8
UniProt Related Accession #	P07184
GenBank Nucleotide #	NM_079254.2

NCBI Official Full Name	chorion protein 18
NCBI Official Synonym Full Names	Chorion protein 18
NCBI Official Symbol	Cp18
NCBI Official Synonym Symbols	ACE3; CG6517; cp18; CP18; DmelCG6517; Dms18; E5; s-18; S-18; s18; S18; s18-1
UniProt Protein Name	Chorion protein S18
Protein Family	Chorion protein
UniProt Gene Name	Cp18
UniProt Synonym Gene Names	s18
NCBI Protein Information	CG6517 gene product from transcript CG6517-RA
UniProt Comments for Cp18	Chorion membrane (egg shell) protein; plays a role in protecting the egg from the environment.
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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