Granulin Choristoneura Fumiferana Granulovirus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Granulin, Recombinant Protein
Full Product Name	Recombinant Choristoneura fumiferana granulovirus Granulin
Sequence	MGYNKALRYS RHDGTSCVID NHHLKSLGSV LNDVRHKKDR IREAEYEPIL DIANQYMVTE DPFRGPGKNV RITLFKEIRR VQPDTMKLVC NWSGKEFLRE TWTRFISEEF PITTDQEIMD LWFEIQLRPM QPNRCYKFTM QYALGANPEY VAHDVIRQQD PYYVGPNNME RINLSKKGFA FPLTCLQSVY NDNFERFFDD ILWPYFHRPL VYVGTTSAEI EEIMIEVSLL FKIKEFAPDV PLFTGPAY
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	29,300 Da
Sequence Positions	1-248, 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 O18559
Species	Choristoneura fumiferana granulovirus (CfGV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Granulin recombinant protein	MBS1048048 is a recombinant protein targeting Granulin. Also known as Recombinant Choristoneura fumiferana granulovirus Granulin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Granulin 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 Granulin. It may not necessarily be applicable to this product.

NCBI GI #	25090483
NCBI Accession #	O18559.1
UniProt Primary Accession #	O18559
NCBI Official Full Name	Granulin
UniProt Protein Name	Granulin
UniProt Synonym Protein Names	Matrix protein
Protein Family	Granulin

UniProt Comments for Granulin	Component of the virus occlusion bodies, which are large proteinaceous structures, that protect the virus from the outside environment for extended periods until they are ingested by insect larvae.
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