Capsid Protein (ORF3b) Cucumber Mosaic Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Capsid protein (ORF3b), Recombinant Protein
Full Product Name	Recombinant Cucumber mosaic virus Capsid protein (ORF3b)
Product Gene Name	ORF3b recombinant protein
Product Synonym Gene Name	ORF3b
Sequence	MDKSESTSAG RNRRRRPRRG SRSAPSSADA NFRVLSQQLS RLNKTLAAGR PTINHPTFVG SERCRPGYTF TSITLKPPKI DRGSYYGKRL LLPDSVTEYD KKLVSRIQIR VNPLPKFDST VWVTVRKVPA SSDLSVAAIS AMFADGASPV LVYQYAASGV QANNKFLYDL SAMRADIGDM RKYAVLVYSK DDALETDELV LHVDIEHQRI PTSGVLPV
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	24,175 Da
Sequence Positions	1-218, 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 Q66135
Species	Cucumber mosaic virus (strain Banana) (CMV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ORF3b recombinant protein	MBS1398590 is a recombinant protein targeting ORF3b. Also known as Recombinant Cucumber mosaic virus Capsid protein (ORF3b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ORF3b 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 ORF3b. It may not necessarily be applicable to this product.

NCBI GI #	3913269
NCBI Accession #	Q66135.1
UniProt Primary Accession #	Q66135
NCBI Official Full Name	Capsid protein
UniProt Protein Name	Capsid protein

UniProt Synonym Protein Names	Coat protein
UniProt Gene Name	ORF3b
UniProt Synonym Gene Names	CP
UniProt Comments for ORF3b	Capsid protein. Probably binds RNA and plays a role in packaging ().
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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