Protein F12 Homolog (CMLV047) Camelpox Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein F12 homolog (CMLV047), Recombinant Protein
Full Product Name	Recombinant Camelpox virus Protein F12 homolog (CMLV047), partial
Product Gene Name	CMLV047 recombinant protein
Product Synonym Gene Name	CMLV047
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	73,348 Da
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 Q8V2X0
Species	Camelpox virus (strain M-96)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CMLV047 recombinant protein	MBS1331484 is a recombinant protein targeting CMLV047. Also known as Recombinant Camelpox virus Protein F12 homolog (CMLV047), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CMLV047 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 CMLV047. It may not necessarily be applicable to this product.

NCBI GI #	18640281
NCBI GeneID	932580
NCBI Accession #	NP_570437.1
UniProt Primary Accession #	Q8V2X0
GenBank Nucleotide #	NC_003391.1
NCBI Official Full Name	CMLV047
NCBI Official Symbol	CamMLVgp047
UniProt Protein Name	Protein F12 homolog

Protein Family	Protein
UniProt Gene Name	CMLV047
NCBI Protein Information	EEV maturation protein
UniProt Comments for CMLV047	Late protein that plays a role in intracellular enveloped virus (IEV) transport to the cell surface on microtubules. When absent, viral morphogenesis halts after the formation of IEV particles, and these are not transported to the cell periphery. Important for plaque formation, extracellular envelope virus (EEV) production and virulence ().
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