Protein L3 (L3L, M3L) (L3L) Variola Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein L3 (L3L, M3L), Recombinant Protein
Full Product Name	Recombinant Variola virus Protein L3 (L3L, M3L)
Product Gene Name	L3L recombinant protein
Sequence	MNTRTDVTND NIDKNPTKRG NKNIPGRNER FNDRNRFNND GNNRPRLQPS PPPRQDNKCR EENGDFINIR LCAYEKEYCN DGYLSPAYYM LKQVDDEEMS CWSELSSLVR SKKAVGFPLL KAAKRISHGS MLYFEQFKNS KVVRLTPQVK CLNDTVIFQT VVILYSMYKR DIYSNEFCFD LVSIPRTNIV FSVNQLMFNI CTDILVVLSI CGNRLYRTNL PQSCYLNFIH GHETIACRGY EHSNYFFEWL IKNHLSLLTK QTMDILKVKK KYATGAPVNR LLEPGTLVYV PKEDYYFIGI SLTDVSISDN VRVLFSTDGI VLEIEDFNIK HLFMAGEMFV RSQSSTIIV
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	40,460 Da
Sequence Positions	1-349, 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 P33042
Species	Variola virus (isolate Human/India/Ind3/1967) (VARV) (Smallpox virus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for L3L recombinant protein	MBS1004722 is a recombinant protein targeting L3L. Also known as Recombinant Variola virus Protein L3 (L3L, M3L). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of L3L 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 L3L. It may not necessarily be applicable to this product.

NCBI GI #	9627596
NCBI GeneID	1486472
NCBI Accession #	NP_042119.1
UniProt Primary Accession #	P33042
GenBank Nucleotide #	NC_001611.1
NCBI Official Full Name	hypothetical protein VARVgp075

NCBI Official Symbol	M3L
UniProt Protein Name	Protein L3
Protein Family	Protein
UniProt Gene Name	L3L
NCBI Protein Information	M3L
UniProt Comments for L3L	Might be required for transcription of early genes.
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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