Virion Membrane Protein A21 (A21L) Variola Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Virion membrane protein A21 (A21L), Recombinant Protein
Full Product Name	Recombinant Variola virus Virion membrane protein A21 (A21L), partial
Product Gene Name	A21L recombinant protein
Sequence	MITLFLILCY FILIFNIIVP AISEKMRRER AAYVNYKRLN KNFICVDDRL FSYNFTTSGI KAKVAVDNKN VPIPCSEINE VNNNKDVDTL YCDKDRDDIP GFTRSCYRAY SDLFFTT
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	13,676 Da
Sequence Positions	1-117
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 P33844
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 A21L recombinant protein	MBS1237018 is a recombinant protein targeting A21L. Also known as Recombinant Variola virus Virion membrane protein A21 (A21L), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of A21L 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 A21L. It may not necessarily be applicable to this product.

NCBI GI #	9627646
NCBI GeneID	1486496
NCBI Accession #	NP_042168.1
UniProt Primary Accession #	P33844
GenBank Nucleotide #	NC_001611.1
NCBI Official Full Name	IMV membrane protein
NCBI Official Symbol	A20L

UniProt Protein Name	Virion membrane protein A21
Protein Family	Virion membrane protein
UniProt Gene Name	A21L
NCBI Protein Information	A20L
UniProt Comments for A21L	Envelope protein part of the entry-fusion complex responsible for the virus membrane fusion with host cell membrane during virus entry.
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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