RNA2 Polyprotein (P2A) Arabis Mosaic Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA2 polyprotein (P2A), Recombinant Protein
Full Product Name	Recombinant Arabis mosaic virus RNA2 polyprotein, partial
Product Gene Name	P2A recombinant protein
Sequence	MGKFYYSNRR LACYAQATNR HLGGSFEQWL QCMEDSAFRA EVKARVQSER EEVRVRRLFS YPVGSGPAED PRGVNWAYIC LGTTAHWAGV PGDMVPPPEP VKAQEVVVQR SVGEDGRTGY RRQCLNIPNP PPMPKPYSRP IGAFAPTRSG FIRATVKRLT REREESRAAA LFAELPLEYP QGAPLVVPRG FAAMRWTYHA TWSRWYDTSD ERALRTHPGG PALPPLPPPP PIQKPPSFEE RLQAALHRQS CARAFALETS LGLNMAWVGM ATIPSTS
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	124,305 Da
Sequence Positions	1-277aa, 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 Q65030
Species	Arabis mosaic virus (isolate Syrah) (ArMV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for P2A recombinant protein	MBS1342710 is a recombinant protein targeting P2A. Also known as Recombinant Arabis mosaic virus RNA2 polyprotein, partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of P2A 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 P2A. It may not necessarily be applicable to this product.

NCBI GI #	50400864
NCBI Accession #	Q65030.1
UniProt Primary Accession #	Q65030
NCBI Official Full Name	RNA2 polyprotein
UniProt Protein Name	RNA2 polyprotein
UniProt Synonym Protein Names	P2

Protein Family	RNA2 polyprotein
UniProt Gene Name	P2A
UniProt Synonym Gene Names	P2A
UniProt Comments for P2A	Protein 2A: implicated in RNA2 replication. Could also be required for nematode transmission of the virus ().
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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