Genome Polyprotein (NI-A) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Genome polyprotein (NI-A), Recombinant Protein
Full Product Name	Recombinant Genome polyprotein
Product Gene Name	NI-A recombinant protein
Sequence	EYTIVRYVDP LTGATQDENP LMAIDLVQEY FAKIRSQLVS EEKLETQNII ANPGIQAYYM KNRGDAALKV DLTPHNPLLV TKTGTIAGFP ENEFILRQTG KAVNVKMSEV PVENELEEVE HE
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	128,915 Da
Sequence Positions	1-122, 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 P20234
Species	Ornithogalum mosaic virus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NI-A recombinant protein	MBS1236293 is a recombinant protein targeting NI-A. Also known as Recombinant Genome polyprotein. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of NI-A 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 NI-A. It may not necessarily be applicable to this product.

NCBI GI #	130497
NCBI Accession #	P20234.1
UniProt Primary Accession #	P20234
NCBI Official Full Name	Genome polyprotein
UniProt Protein Name	Genome polyprotein
UniProt Synonym Protein Names	Viral genome-linked proteinAlternative name(s):VPg
Protein Family	Genome polyprotein

UniProt Gene Name	NI-A
UniProt Synonym Gene Names	NIA; 49 kDa-Pro; NI-B; NIB; CP
UniProt Comments for NI-A	Capsid protein: involved in aphid transmission, cell-to-cell and systemis movement, encapsidation of the viral RNA and in the regulation of viral RNA amplification.
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