Replication-Associated Protein A (C1) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Replication-associated protein A (C1), Recombinant Protein
Full Product Name	Recombinant Maize streak virus genotype D Replication-associated protein A (C1)
Product Gene Name	C1 recombinant protein
Product Synonym Names	Replication-associated protein A; RepA; EC=3.1.21.-
Sequence	MTSSSSNRQF LHRTANTFLT YPQCPEHPEI ISQRIWDLVG RWNPLYIICA QEAHEDGNMH LHALIQTDKQ VRTTDSRFFD IDGFHPNIQS AMSPNKVRDY ILKEPLALFE RGTFVPRKKT FLGNSSKGNS EKKPSKDEIM QDIISHATSK PEYLSMVRKS FPYDWATKLQ YFEYSANKLF PDIQEEFINP HPTSEPDLLC NESIKDWLQP NIYQVSPQAY MLLQPNCYTV DDAISDLQWL DDLTSKQIMD QESRASTSSV QQGQENLLGP EA
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	41,391 Da
Sequence Positions	1-272aa; 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 Q91MF7
Species	Maize streak virus genotype D (isolate Raw) (MSV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for C1 recombinant protein	MBS1303930 is a recombinant protein targeting C1. Also known as Recombinant Maize streak virus genotype D Replication-associated protein A (C1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of C1 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 C1. It may not necessarily be applicable to this product.

NCBI GI #	81963008
NCBI Accession #	Q91MF7.1
UniProt Primary Accession #	Q91MF7
UniProt Secondary Accession #	Q9YPX9
NCBI Official Full Name	Replication-associated protein A

UniProt Protein Name	Replication-associated protein A
Protein Family	Anthocyanin regulatory C1 protein
UniProt Gene Name	C1
UniProt Synonym Gene Names	RepA
UniProt Entry Name	REPA_MSVRA
UniProt Comments for C1	Implicated in enhancement of V-sense gene expression. Acts a an inhibitor of C-sense gene transcription ().
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