Phosphoprotein (P) Aravan Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoprotein (P), Recombinant Protein
Full Product Name	Recombinant Aravan virus Phosphoprotein (P)
Product Gene Name	P recombinant protein
Product Synonym Gene Name	P
Sequence	MSKIFVNPSA IRAGLADLEM AEETVDLVNK NVEESQAHLQ AEPIEVDALP EDMKRLQISE PKPCQLPDGT CMKEEGGDED FYMAESGDPY IPLQSYLDTM GIQIVRKMKT GERFFKIWSQ SVEEIISYVA VNFPVPPGKS LADKSTQTSV EKSKPASQPT QPKKEDQLSK VNIDSQESSG PPALDWAATN DDDDASVEAE IAHQIAESFS KKYKFPSRSS GIFLYNFEQL KMNLDDIVRE AKGIPGVTRR AGDGVRLPLR CILGWVASTH SRRFQLLVNS DKLNKVMQDD INRYLAY
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	24,105 Da
Sequence Positions	1-297, 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 Q6X1D7
Species	Aravan virus (ARAV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for P recombinant protein	MBS1331994 is a recombinant protein targeting P. Also known as Recombinant Aravan virus Phosphoprotein (P). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of P 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 P. It may not necessarily be applicable to this product.

NCBI GI #	471237007
NCBI GeneID	14857926
NCBI Accession #	YP_007641393.1
UniProt Primary Accession #	Q6X1D7
UniProt Related Accession #	Q6X1D7

GenBank Nucleotide #	NC_020808.1
NCBI Official Full Name	phosphoprotein
NCBI Official Symbol	P
UniProt Protein Name	Phosphoprotein
UniProt Synonym Protein Names	Protein M1
UniProt Gene Name	P
UniProt Synonym Gene Names	Protein P
NCBI Protein Information	phosphoprotein
UniProt Comments for P	Non catalytic polymerase cofactor and regulatory protein that plays a role in viral transcription and replication. Stabilizes the RNA polymerase L to the N-RNA template and binds the soluble protein N, preventing it from encapsidating non-genomic RNA. Also inhibits host IFN-alpha and IFN-beta signaling by binding and retaining phosphorylated STAT1 in the cytoplasm or by inhibiting the DNA binding of STAT1 in the nucleus ().
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