Phosphoprotein (P) Vesicular Stomatitis Indiana Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoprotein (P), Recombinant Protein
Full Product Name	Recombinant Vesicular stomatitis Indiana virus Phosphoprotein (P)
Product Gene Name	P recombinant protein
Sequence	MDNLTKVREY LKSYSRLDQA VGEIDEIEAQ RAEKSNYELF QEDGVEEHTR PSYFQAADDS DTESEPEIED NQGLYVPDPE AEQVEGFIQG PLDDYADEDV DVVFTSDWKQ PELESDEHGK TLRLTLPEGL SGEQKSQWLL TIKAVVQSAK HWNLAECTFE ASGEGVIIKK RQITPDVYKV TPVMNTHPYQ SEAVSDVWSL SKTSMTFQPK KASLQPLTIS LDELFSSRGE FISVGGNGRM SHKEAILLGL RYKKLYNQAR VKYSL
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	30,035 Da
Sequence Positions	1-265, 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 P04880
Species	Vesicular stomatitis Indiana virus (strain Mudd-Summers) (VSIV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for P recombinant protein	MBS1160733 is a recombinant protein targeting P. Also known as Recombinant Vesicular stomatitis Indiana 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 #	133695
NCBI Accession #	P04880.1
UniProt Primary Accession #	P04880
NCBI Official Full Name	Phosphoprotein
UniProt Protein Name	Phosphoprotein
UniProt Synonym Protein Names	Protein M1

UniProt Gene Name	P
UniProt Synonym Gene Names	Protein P
UniProt Comments for P	Essential component of the RNA polymerase transcription and replication complex. Binds the viral ribonucleocapsid and positions the L polymerase on the template. May act as a chaperone for newly synthesized free N protein, so-called N0. Plays a role in virion assembly ().
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