Protein VP5 (VP5) Infectious Pancreatic Necrosis Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein VP5 (VP5), Recombinant Protein
Full Product Name	Recombinant Infectious pancreatic necrosis virus Protein VP5 (VP5)
Product Gene Name	VP5 recombinant protein
Sequence	MAKALSNKPT NILIYMNHEH IQGNRNLLEI HYASREWASK HSGRHNREAY TKTRDLVIQL RGIRIRKWAS CLLPRSSWIQ GRCPLQVESE PDGTRIRPVA RDVTGPKEGI QLRETDLTEI RHPELNPSRW SVCTQWDPER CHLRRKSV
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	17,350 Da
Sequence Positions	1-148, 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 P22931
Species	Infectious pancreatic necrosis virus (strain Jasper) (IPNV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VP5 recombinant protein	MBS1262003 is a recombinant protein targeting VP5. Also known as Recombinant Infectious pancreatic necrosis virus Protein VP5 (VP5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VP5 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 VP5. It may not necessarily be applicable to this product.

NCBI GI #	141273
NCBI Accession #	P22931.1
UniProt Primary Accession #	P22931
NCBI Official Full Name	Protein VP5
UniProt Protein Name	Protein VP5
Protein Family	Protein
UniProt Gene Name	VP5

UniProt Comments for VP5	VP5 is not required for viral replication in vivo and its absence does not alter the virulence characteristics of the virus or the establishment of persistent IPNV infection.
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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