Dual Specificity Protein Phosphatase VP2 (VP2) Chicken Anemia Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dual specificity protein phosphatase VP2 (VP2), Recombinant Protein
Full Product Name	Recombinant Chicken anemia virus Dual specificity protein phosphatase VP2 (VP2)
Product Gene Name	VP2 recombinant protein
Product Synonym Names	Dual specificity protein phosphatase VP2; EC=3.1.3.16; EC=3.1.3.48
Sequence	MHGNGGQPAA GGSESALSRE GQPGPSGAAQ GQVISNERSP RRYSTRTING VQATNKFTAV GNPSLQRDPD WYRWNYSHSI AVWLRECSRS HAKICNCGQF RKHWFQECAG LEDRSTQASL EEAILRPLRV QGKRAKRKLD YHYSQPTPNR KKVYKTVRWQ DELADREADF TPSEEDGGTT SSDFDEDINF DIGGDSGIVD ELLGRPFTTP APVRIV
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	24,112 Da
Sequence Positions	1-216aa; 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 Q9IZU7
Species	Chicken anemia virus (isolate Australia/CAU269-7/2000) (CAV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VP2 recombinant protein	MBS1325513 is a recombinant protein targeting VP2. Also known as Recombinant Chicken anemia virus Dual specificity protein phosphatase VP2 (VP2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VP2 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 VP2. It may not necessarily be applicable to this product.

NCBI GI #	81973629
NCBI Accession #	Q9IZU7.1
UniProt Primary Accession #	Q9IZU7
NCBI Official Full Name	Dual specificity protein phosphatase VP2

UniProt Protein Name	Dual specificity protein phosphatase VP2
Protein Family	Capsid protein
UniProt Gene Name	VP2
UniProt Entry Name	VP2_CAVCA
UniProt Comments for VP2	May act as a scaffold protein in virion assembly. May also play a role in intracellular signaling during viral replication.
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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