Occlusion-Derived Virus Envelope Protein E56 (ODVP6E) (CfMNPVgpORF141) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Occlusion-derived virus envelope protein E56 (ODVP6E) (CfMNPVgpORF141), Recombinant Protein
Full Product Name	Recombinant Choristoneura fumiferana nuclear polyhedrosis virus Occlusion-derived virus envelope protein E56 (ODVP6E)
Product Gene Name	CfMNPVgpORF141 recombinant protein
Product Synonym Gene Name	ODVP6E
Product Synonym Names	Recombinant Occlusion-derived virus envelope protein E56 (ODVP6E); Occlusion-derived virus envelope protein E56; ODV-E56; ODVP-6E
Sequence	MSTFFTNLRR VNKVYPNQAT FLTDNTRLLT TTPAGFTNVL RAPSTRNLGN GRFEPGYNLS NNQFVSAGDI NRITRGNDVP RIRNVFQGIS DPQIGSLNQL RRADNVPDAG LHVKRTRSDA VKQNFPETNV RSADGVDRAL QQNPRLNTYL QGAKTAGVGV LLAGGAYLTF SAATLVQDII QALNNTGGSY YVRGADGGDT ADACLLLSRT CQRDPNMNTS DVVICNHDPL IADTAQLQAI CSGFNYQQEQ TVCRQSDPAA DPDSPQFVDV SDLLPGQTIM CIEPYNLGDL IGDLGLDHLL GEDGLVGKSS NSSDSVSNKL MPLIWLIGAV LFLGLIIYLI YRFVIKGGAG AAGAARAPPV IVLPPPPTQQ TYNSTKQQI
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	40,812 Da
Sequence Positions	1-379
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.
Chromosome Location	NC_004778.3 (121019..122158, complement). Location: country: Ireland
3D Structure	ModBase 3D Structure for P41718
Species	Choristoneura fumiferana nuclear polyhedrosis virus (CfMNPV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CfMNPVgpORF141 recombinant protein	MBS1218579 is a recombinant protein targeting CfMNPVgpORF141. Also known as Recombinant Choristoneura fumiferana nuclear polyhedrosis virus Occlusion-derived virus envelope protein E56 (ODVP6E). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CfMNPVgpORF141 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 CfMNPVgpORF141. It may not necessarily be applicable to this product.

NCBI GI #	30387373
NCBI GeneID	1482724
NCBI Accession #	NP_848452.1
UniProt Primary Accession #	P41718
UniProt Related Accession #	Q77DF6
GenBank Nucleotide #	NC_004778.3
NCBI Official Full Name	occlusion derived envelope protein
NCBI Official Symbol	CfMNPVgpORF141
UniProt Protein Name	Occlusion-derived virus envelope protein E56
UniProt Synonym Protein Names	ODVP-6E
UniProt Gene Name	ODVP6E
UniProt Synonym Gene Names	ODV-E56
UniProt Entry Name	OE56_NPVCF
NCBI Protein Information	occlusion derived envelope protein
UniProt Comments for CfMNPVgpORF141	Function: Structural protein that is specific for occlusion-derived virus (ODV) envelopes but not of budded virus (BV) By similarity. Subcellular location: Virion membrane; Multi-pass membrane protein Potential. Note: Localized to the envelope region of preoccluded bundles of virions By similarity. Miscellaneous: Expressed late in infection By similarity. Sequence similarities: Belongs to the baculoviridae E56 family.
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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