Envelope Protein H3 (VACWR101) Vaccinia Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Envelope protein H3 (VACWR101), Recombinant Protein
Full Product Name	Recombinant Vaccinia virus Envelope protein H3 (VACWR101)
Product Gene Name	VACWR101 recombinant protein
Sequence	MAAAKTPVIV VPVIDRLPSE TFPNVHEHIN DQKFDDVKDN EVMPEKRNVV VVKDDPDHYK DYAFIQWTGG NIRNDDKYTH FFSGFCNTMC TEETKRNIAR HLALWDSNFF TELENKKVEY VVIVENDNVI EDITFLRPVL KAMHDKKIDI LQMREIITGN KVKTELVMDK NHAIFTYTGG YDVSLSAYII RVTTELNIVD EIIKSGGLSS GFYFEIARIE NEMKINRQIL DNAAKYVEHD PRLVAEHRFE NMKPNFWSRI GTAATKRYPG VMYAFTTPLI SFFGLFDINV IGLIVILFIM FMLIFNVKSK LLWFLTGTFV TAFI
Host	Cell Free Expression
Form/Format	Liquid containing glycerol
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, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	37,504 Da
Sequence Positions	1-324aa; full length protein
3D Structure	ModBase 3D Structure for P07240
Species	Vaccinia virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR))
Product Categories/Family for VACWR101 recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for VACWR101 recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for VACWR101 recombinant protein	MBS7041234 is a recombinant protein targeting VACWR101. Also known as Recombinant Vaccinia virus Envelope protein H3 (VACWR101). Host: Cell Free Expression.
Other Notes	Small volumes of VACWR101 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 VACWR101. It may not necessarily be applicable to this product.

NCBI GI #	138378
NCBI Accession #	P07240.1
UniProt Primary Accession #	P07240
UniProt Secondary Accession #	Q80HW3
NCBI Official Full Name	Envelope protein H3
UniProt Protein Name	Envelope protein H3

UniProt Synonym Protein Names	Ag35; Virion envelope protein p35
Protein Family	Envelope protein
UniProt Gene Name	VACWR101
UniProt Entry Name	H3_VACCW
UniProt Comments for VACWR101	Envelope protein that binds to heparan sulfate on the cell surface and might provide virion attachment to target cell.
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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