Profilin (VACWR167) Vaccinia Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Profilin (VACWR167), Recombinant Protein
Full Product Name	Recombinant Vaccinia virus Profilin (VACWR167)
Product Gene Name	VACWR167 recombinant protein
Product Synonym Gene Name	VACWR167
Sequence	MAEWHKIIED ISKNNKFEDA AIVDYKTTKN VLAAIPNRTF AKINPGEIIP LITNRNILKP LIGQKYCIVY TNSLMDENTY AMELLTGYAP VSPIVIARTH TALIFLMGKP TTSRRDVYRT CRDHATRVRA TGN
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	15,052 Da
Sequence Positions	1-133, 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 Q76ZN5
Species	Vaccinia virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VACWR167 recombinant protein	MBS1384753 is a recombinant protein targeting VACWR167. Also known as Recombinant Vaccinia virus Profilin (VACWR167). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VACWR167 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 VACWR167. It may not necessarily be applicable to this product.

NCBI GI #	66275964
NCBI GeneID	3707697
NCBI Accession #	YP_233049.1
UniProt Primary Accession #	Q76ZN5
UniProt Secondary Accession #	P20844
UniProt Related Accession #	AAO89446

GenBank Nucleotide #	NC_006998.1
NCBI Official Full Name	profilin-like protein
NCBI Official Symbol	A42R
UniProt Protein Name	Profilin
UniProt Gene Name	VACWR167
NCBI Protein Information	profilin-like protein
UniProt Comments for VACWR167	Participates in either intracellular transport of viral proteins or intercellular spread of the virus. Cellular profilins modulate actin filament dynamics (polymerization and depolymerization) via direct binding to actin through an actin-binding domain as well as by modulation of other actin-binding proteins (). In contrast to cellular homologs, the poxvirus profilins seem to bind actin only weakly.
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Online datasheet: https://www.mybiosource.com/recombinant-protein/profilin-vacwr167/1384753