Transmembrane Protein HWLF3 (US20) Human Cytomegalovirus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transmembrane protein HWLF3 (US20), Recombinant Protein
Full Product Name	Recombinant Human cytomegalovirus Transmembrane protein HWLF3 (US20)
Product Gene Name	US20 recombinant protein
Product Synonym Gene Name	US20
Product Synonym Names	Recombinant Transmembrane protein HWLF3 (US20); Transmembrane protein HWLF3
Sequence	MRVISRARSA CTWTSCTSLS PCSTSCPPSP AAPTLLRRRS LPQQRRRPSS SPNRRVRGVT TSPCPTRSLV YKRRVGAPQR LCAETVATMQ AQEANALLLS RMEALEWFKK FTVWLRVYAI FIFQLAFSFG LGSVFWLGFP QNRNFCVENY SFFLTVLVPI VCMFITYTLG NEHPSNATVL FIYLLANSLT AAIFQMCSES RVLVGSYVMT LALFISFTGL AFLGGRDRRR WKCISCVYVV MLLSFLTLAL LSDADWLQKI VVTLCAFSIS FFLGILAYDS LMVIFFCPPN QCIRHAVCLY LDSMAIFLTL LLMLSGPRWI SLSDGAPLDN GTLTAASTTG KS
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	38,182 Da
Sequence Positions	1-342
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_006273.2 (214320..215084, complement). Location: other: Gavin W.G. Wilkinson, country: United Kingdom: Cardiff, other: 1999, isolation source: urine from a congenitally infected child
3D Structure	ModBase 3D Structure for P09724
Species	Human cytomegalovirus (strain AD169) (HHV-5) (Human herpesvirus 5)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for US20 recombinant protein	MBS1262642 is a recombinant protein targeting US20. Also known as Recombinant Human cytomegalovirus Transmembrane protein HWLF3 (US20). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of US20 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 US20. It may not necessarily be applicable to this product.

NCBI GI #	52139330
NCBI GeneID	3077561
NCBI Accession #	YP_081605.1

UniProt Primary Accession #	P09724
UniProt Secondary Accession #	Q7M6H9
UniProt Related Accession #	QQBEG4
GenBank Nucleotide #	NC_006273.2
NCBI Official Full Name	membrane protein US20
NCBI Official Symbol	US20
UniProt Protein Name	Transmembrane protein HWLF3
Protein Family	Membrane protein
UniProt Gene Name	US20
UniProt Entry Name	US20_HCMVA
NCBI Protein Information	type 3 membrane protein; 7 transmembrane domains; possibly involved in virion morphogenesis; membrane protein US20
UniProt Comments for US20	Subcellular location: Membrane; Multi-pass membrane protein Potential. Sequence similarities: Belongs to the cytomegalovirus US12 family. Sequence caution: The sequence CAA35287.1 differs from that shown. Reason: Erroneous initiation. The sequence CAB37112.1 differs from that shown. Reason: Erroneous initiation. The sequence DAA00209.1 differs from that shown. Reason: Erroneous initiation.
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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