Glycoprotein U21 (U21) Human Herpesvirus 6a Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycoprotein U21 (U21), Recombinant Protein
Full Product Name	Recombinant Human herpesvirus 6A Glycoprotein U21 (U21), partial
Product Gene Name	U21 recombinant protein
Product Synonym Gene Name	U21
Sequence	SCFVG LKEIIYFIFV SVDYMWPFCD TLLTTAVNCF FKGRTFLRRE LKI
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	49,395 Da
Sequence Positions	386-433
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 Q69556
Species	Human herpesvirus 6A (strain Uganda-1102) (HHV-6 variant A) (Human B lymphotropic virus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for U21 recombinant protein	MBS1325353 is a recombinant protein targeting U21. Also known as Recombinant Human herpesvirus 6A Glycoprotein U21 (U21), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of U21 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 U21. It may not necessarily be applicable to this product.

NCBI GI #	9628323
NCBI GeneID	1487967
NCBI Accession #	NP_042914.1
UniProt Primary Accession #	Q69556
UniProt Secondary Accession #	Q69045
GenBank Nucleotide #	NC_001664.4
NCBI Official Full Name	glycoprotein

NCBI Official Symbol	U21
UniProt Protein Name	Glycoprotein U21
Protein Family	Glycoprotein
UniProt Gene Name	U21
UniProt Synonym Gene Names	EJLF2
NCBI Protein Information	glycoprotein
UniProt Comments for U21	Binds to MHC class I molecules in the endoplasmic reticulum and targets them from the Golgi directly to the lysosomes. Once in the lysosomes both proteins are degraded. In consequence, surface class I molecules are down-regulated and infected cells are masked for immune recognition by cytotoxic T lymphocytes ().
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