

Viral interleukin-10 homolog (UL111A) Recombinant Protein | UL111A recombinant protein

Recombinant Human cytomegalovirus Viral interleukin-10 homolog (UL111A)

CATALOG #
AAA114987

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Viral interleukin-10 homolog (UL111A); Recombinant Human cytomegalovirus Viral interleukin-10 homolog (UL111A); Viral interleukin-10 homolog; cmvIL-10; vIL-10; UL111A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	26-176aa; Full Length of Mature Protein
Sequence	ATTTTIKNTK PQCRPEDYAT RLQDLRVTFH RVKPTLQRED DYSVWLDGTV VKGCWGCSVM DWLLRRYLEI VFPAGDHVYP GLKTELHSMR STLESIYkDa MRQCPLLGCG DKSVISRLSQ EAERKSDNGT RKGLSELDTL FSRLEEYLHS RK
Sequence Length	176
Species	Human cytomegalovirus (strain Merlin) (HHV-5) (Human herpesvirus 5)
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.

ADDITIONAL INFORMATION

Related Product Information for UL111A recombinant protein	Functional viral IL-10 homolog. Can bind to the human IL-10 receptor and compete with human IL-10 for binding sites. Requires both subunits of the human IL-10 receptor complex to induce signal transduction events and biological activities. IL-10 signaling pathway has several immunosuppressive activities that are exploited by the virus. Inhibits TLR-induced type I interferon production in host plasmacytoid dendritic cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52139277
NCBI GeneID	3077506
NCBI Accession #	YP_081552.1
NCBI GenBank Nucleotide #	NC_006273.2
UniProt Accession #	F5HC71 ; Q9J4B7
Molecular Weight	36
NCBI Official Full Name	interleukin-10
NCBI Official Symbol	UL111A
NCBI Protein Information	contains signal peptide; involved in immune regulation; interleukin-10
UniProt Protein Name	Viral interleukin-10 homolog

UniProt Gene Name	UL111A
UniProt Synonym Gene Names	cmvIL-10; vIL-10
UniProt Entry Name	IL10H_HCMVM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ul111a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114987>