Viral interleukin-10 homolog Recombinant Protein | UL111A recombinant protein

Recombinant Human cytomegalovirus (strain AD169) (HHV-5) (Human herpesvirus 5) Viral interleukin-10 homolog

CATALOG #	HOST
AAA115741	**E Coli or Yeast or Baculovirus or Mammalian Cell**

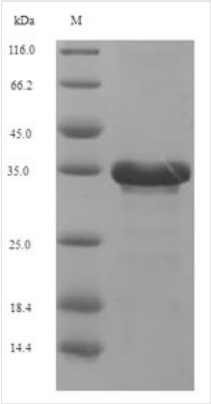
PRODUCT SYNONYMS

Viral interleukin-10 homolog; Recombinant Human cytomegalovirus (strain AD169) (HHV-5) (Human herpesvirus 5) 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	20-175aa; Full Length
Sequence	SEEAKPATTT IKNTKPQCRP EDYATRLQDL RVTFHRVKPT LQREDDYSVW LDGTVVKGCW GCSVMDWLLR RYLEIVFPAG DHVYPGLKTE LHSMRSTLES IYKDMRQCPL LGCGDKSVIS RLSQEAERKS DNGTRKGLSE LDTLFSRLEE YLHSRK
Sequence Length	175
Species	Human cytomegalovirus (strain AD169) (HHV-5) (Human herpesvirus 5)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

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.
References	"Human cytomegalovirus-encoded interleukin-10 homolog inhibits maturation of dendritic cells and alters their functionality." Chang W.L., Baumgarth N., Yu D., Barry P.A. J. Virol. 78:8720-8731(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	59803083
UniProt Accession #	P17150; Q7M6T2; Q9J7C4
Molecular Weight	34 kDa
NCBI Official Full Name	Viral interleukin-10 homolog
UniProt Protein Name	Viral interleukin-10 homolog
UniProt Gene Name	**UL111A**
UniProt Synonym Gene Names	cmvIL-10; vIL-10
UniProt Entry Name	IL10H_HCMVA

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/ul111a-recombinant-protein-e-coli/115741