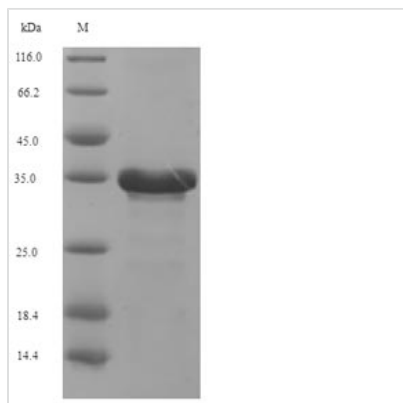




Recombinant Human cytomegalovirus Viral interleukin-10 homolog (UL111A)

Product Code	CSB-EP323494HWV
Relevance	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.
Abbreviation	Recombinant Human cytomegalovirus UL111A protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P17150
Alias	Short name: cmvIL-10 Short name: vIL-10
Product Type	Recombinant Protein
Immunogen Species	Human cytomegalovirus (strain AD169) (HHV-5) (HCMV)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SEEAKPATTTIKNTKPQCRPEDYATRLQDLRVTFHRVKPTLQREDDYSVWLDG TVVKGCWGCSSVMDWLLRRYLEIVFPAGDHVYPGLKTELHSMRSTLESIIYKDM RQCPLLGCGDKSVISRLSQEAERKSDNGTRKGLSELDTLFSRLEEYLSRK
Research Area	Others
Source	E.coli
Target Names	UL111A
Expression Region	20-175aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	34.0kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.