





## 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 shell 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         SEAKPATTTIKNTKPGCRPEDVATRLQDLRVTFHRVKPTLQREDDYSVWLDG TVVKGCWGCSVMDWLLRRYLEIVFPAGDHVYPGLKTELHSMRSTLESIYKDM RCCPLLGCGDKSVISRLSQEAERKSDNGTRKGLSELDTLFSRLEEYLHSRK           Research Area         Others           Source         E.coli           Target Names         UL111A           Expression Region         20-175aa           Notes<		
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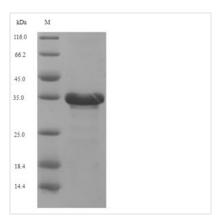


## **CUSABIO TECHNOLOGY LLC**

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(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.