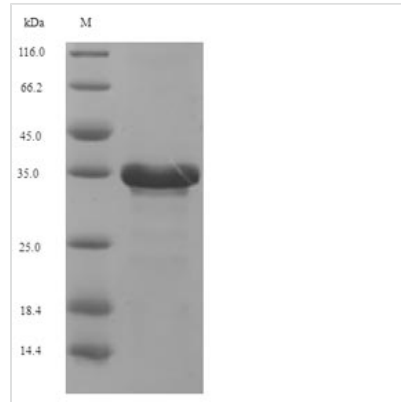




# Recombinant Human cytomegalovirus Viral interleukin-10 homolog (UL111A)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP323494HWV   |
| <b>Relevance</b>         | 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. |
| <b>Abbreviation</b>      | Recombinant Human cytomegalovirus UL111A protein  |
| <b>Storage</b>           | 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.   |
| <b>Uniprot No.</b>       | P17150  |
| <b>Alias</b>             | Short name: cmvIL-10 Short name: vIL-10   |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Human cytomegalovirus (strain AD169) (HHV-5) (HCMV)   |
| <b>Purity</b>            | ≥ 90% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | SEEAKPATTTIKNTKPQCRPEDYATRLQDLRVTFHRVKPTLQREDDYSVWLDG<br>TVVKGCWGCVMWLLRRYLEIVFPAGDHVYPGLKTELHSMRSTLESIIYKDM<br>RQCPLLGCGDKSVISRLSQAERKSDNGTRKGLSELDTLFSRLEEYLHSRK  |
| <b>Research Area</b>     | Others  |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | UL111A  |
| <b>Expression Region</b> | 20-175aa  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | N-terminal 6xHis-SUMO-tagged  |
| <b>Mol. Weight</b>       | 34.0kDa   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Image</b>             |   |



(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

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