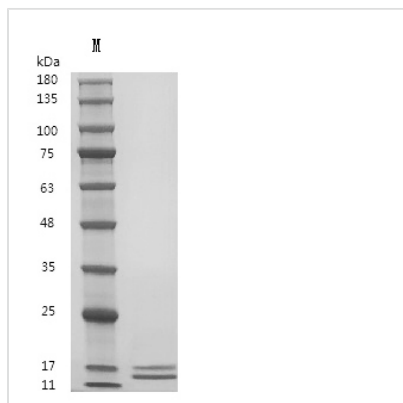




# Recombinant Human Interleukin-13 (IL13)?Partial (Active)

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-MP011590HU-WD   |
| <b>Abbreviation</b>        | Recombinant Human IL-13 protein, partial (Active)   |
| <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>         | P35225  |
| <b>Form</b>                | Lyophilized   |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 µm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4  |
| <b>Product Type</b>        | Recombinant Protein   |
| <b>Immunogen Species</b>   | Homo sapiens (Human)  |
| <b>Biological Activity</b> | Measured in a cell proliferation assay using TF-1 cells. The ED50 ≤1.0ng/ml?corresponding to a specific activity of ≥1×10 <sup>6</sup> U/mg.  |
| <b>Purity</b>              | ≥ 95% as determined by SDS-PAGE.  |
| <b>Sequence</b>            | GPVPPSTALRELIEELVNITQNQKAPLCNGSMVWSINLTAGMYCAALES LINVS<br>GCSAIEKTQRMLSGFCPHKVSAGQFSSLHVRDTKIEVAQFVKDLLLHLKLFRE<br>GRFN  |
| <b>Source</b>              | Mammalian cell  |
| <b>Target Names</b>        | IL-13   |
| <b>Expression Region</b>   | 35-146aa  |
| <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>            | Tag free  |
| <b>Mol. Weight</b>         | 12.3 kDa  |
| <b>Protein Length</b>      | Partial   |

Image



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

**Endotoxin**

≤10 EU/mg by the LAL method

**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.