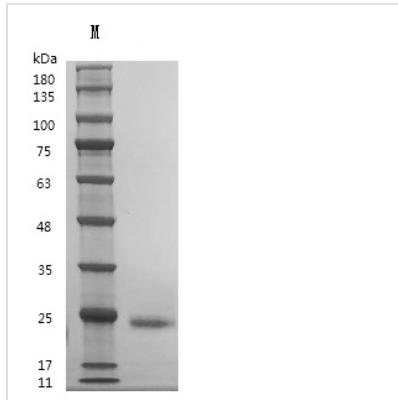




Recombinant Human Interleukin-6 (IL6) (Active)

| | |
|----------------------------|---|
| Product Code | CSB-MP011664HU-WD |
| Abbreviation | Recombinant Human IL-6 protein (Active) |
| 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. | P05231 |
| Form | Lyophilized |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Biological Activity | Measured in a cell proliferation assay using M-NSF-60 cells. The ED50 for this effect is 0.2-1 ng/mL. |
| Purity | Greater than 95% as determined by SDS-PAGE. |
| Sequence | VPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKE ALAENNLLPKMAEKDGCFQSGFNEETCLVKIITGLLEFEVYLEYLQNRFESSE EQARAVQMSTKVLIQFLQKKAKNLDAITPPDPTTNASLLTKLQAQNQWLQDMT THLILRSFKEFLQSSLRALRQM |
| Source | Mammalian cell |
| Target Names | IL-6 |
| Expression Region | 30-212aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag free |
| Mol. Weight | 20.8 kDa |
| Protein Length | Full Length of Mature Protein |
| 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.