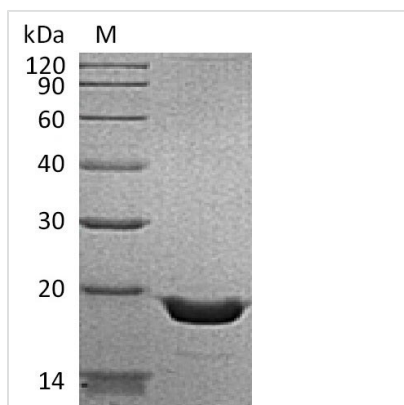




Recombinant Human Tumor necrosis factor (TNF), partial (Active)

| | |
|----------------------------|--|
| Product Code | CSB-AP004881HU |
| Abbreviation | Recombinant Human TNF protein, partial (Active) |
| Uniprot No. | P01375 |
| Form | Lyophilized powder |
| Storage Buffer | Lyophilized from a 0.2 μ m filtered 20mM PB, 100mM NaCl, pH 8.0. |
| Product Type | Tumor Necrosis Factor |
| Immunogen Species | Homo sapiens (Human) |
| Biological Activity | The ED50 as determined in a cytotoxicity assay using L929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D is 30-150 pg/ml. |
| Purity | \geq 95% as determined by SDS-PAGE. |
| Sequence | GPQREEFPRDLSLISPLAQAVRSSSRTPSDKPVAHVVANPQAEGQLQWLNR ANALLANGVELRDNQLVVPSEGLYLIYSQVLFKGGQCPSTHVLLTHTISRIAVSY QTKVNLLSAIKSPCQRETPEGAEAKPWYEPYILGGVFQLEKGDRLSAEINRPD YLDFAESGQVYFGIIAL |
| Research Area | Cancer |
| Source | E.coli |
| Target Names | TNF |
| Expression Region | 57-233aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 21.8 kDa |
| Protein Length | Extracellular Domain |

Image



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

**Endotoxin**

Less than 1.0 EU/ μ g as determined by 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.