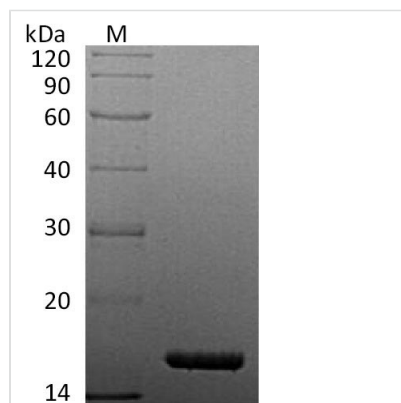




Recombinant Human Tumor necrosis factor (TNF), partial (Active)

Product Code	CSB-AP004871HU
Abbreviation	Recombinant Human TNF protein, partial (Active)
Uniprot No.	P01375
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m filtered 20mM Tris-HCl, 150mM 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 10-40 pg/ml.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	VRSSSRTPSDKPVAVHVVANPQAEGLQWLNRRANALLANGVELRDNQLVVP SEGLYLIYSQVLFKGGQCPSTHVLLTHTISRIVSYQTKVNLLSAIKSPCQRETP EGAEAKPWYEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIIAL
Research Area	Cancer
Source	E.coli
Target Names	TNF
Expression Region	77-233aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	18.5 kDa
Protein Length	Partial

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.