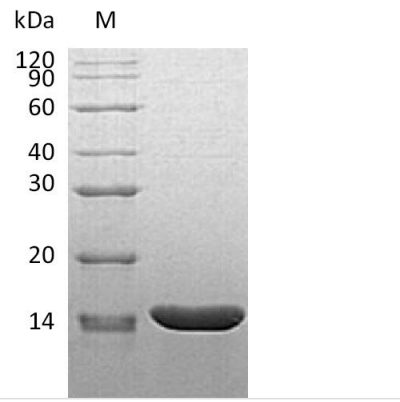
Recombinant Mouse Tumor necrosis factor (Tnf), partial (Active)

Product Code	CSB-AP005031MO
Abbreviation	Recombinant Mouse Tnf protein, partial (Active)
Uniprot No.	P06804
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered 1xPBS, pH 7.4
Product Type	Tumor Necrosis Factor
Immunogen Species	Mus musculus (Mouse)
Biological Activity	The ED50 as determined in a cytotoxicity assay using L?929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D is 2-8 pg/ml.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	DKPVAHVVANHQVEEQLEWLSQRANALLANGMDLKDNQLVVPADGLYLVYS QVLFKGQGCPDYVLLTHTVSRFAISYQEKVNLLSAVKSPCPKDTPEGAELKPW YEPIYLGGVFQLEKGDQLSAEVNLPKYLDFAESGQVYFGVIAL
Research Area	Cancer
Source	E.coli
Target Names	Tnf
Expression Region	89-235aa
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	16.4 kDa
Protein Length	Partial
Image	 (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.
Endotoxin	Less than 0.01 EU/μg 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.