

## Human TNF protein

### Catalog Number: orb392577

### Certificate of analysis

Catalog #	Source	Reactivity	Applications	Lot #
orb392577	E. coli	Human	E, WB, SDS-PAGE, MS	JA1F10A
<b>Description</b>	Recombinant Human TNF Protein is produced by E. coli using rDNA technology. The protein consists of three identical polypeptide chains of 158 amino acids combined to form a compact bell-shaped homotrimer. The individual subunits have a relative molecular			
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.0.			
<b>Gene Symbol</b>	TNF			
<b>Alternative Names</b>	TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a			
<b>Entrez Gene</b>	7124 (Human)			
<b>SwissProt</b>	P01375 (Human)			
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.			
<b>Chemical Structure</b>	MVRSSSRTPS DKPVAHVVAN PQAEGQLQWL NRRANALLAN GVELRDNQLV VPSEGLYLIY SQVLFKGQGC PSTHVLLTHT ISRIAVSYQT KVNLLSAIKS PCQRETPEGA EAKPWYEPIY LGGVFQLEKG DRLSAEINRP DYLDFAESGQ VYFGIIAL			
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.			

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

## SDS-PAGE

