

Catalog No.: RP01977 **Recombinant**

Species	Gene ID	Swiss Prot
Human	4049	P01374

C-6His

LTA; TNFB; TNFSF1; Lymphotoxin-alpha;
LT-alpha; TNF-beta; Tumor necrosis
factor ligand superfamily member 1

Source	Purification
CHO Cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
19.48 KDa	20-25 kDa

< 0.01 EU/μg of the protein by LAL method

Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Tumor Necrosis Factor β (TNF- β) is a secreted protein belonging to the tumor necrosis factor family. TNF- β binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR and TNFRSF14/HVEM in homotrimeric form, binds to TNFRSF3/LTBR in heterotrimeric form with LTBR. TNF- β forms heterotrimers with lymphotoxin-beta, which anchors TNF- β to the cell surface. TNF- β mediates the inflammatory, immunostimulatory, and antiviral response, involves in the formation of second lymphoid organs during development, has a role in apoptosis. TNF- β is produced by lymphocytes and cytotoxic for a variety of tumor cells in vitro and in vivo.

Recombinant Human TNF-beta Protein is produced by CHO Cells expression system. The target protein is expressed with sequence (Leu35-Leu205) of Human TNF-beta(Accession #NP_000586.2) fused with His at the C-terminus..

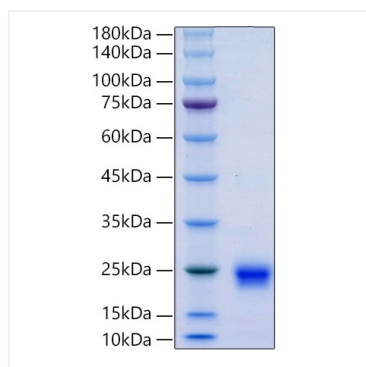
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Validation Data



Recombinant Human TNF-beta Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.