

## 32-18096: Recombinant Human TNF beta Protein

**Uniprot ID :** P01375

**Alternative Name :** Lymphotoxin-Alpha; LT-Alpha; TNF-Beta; Tumor Necrosis Factor Ligand Superfamily Member 1; LTA; TNFB; TNFSF1

### Description

Molecular weight: 18.8 KDa

Description: Recombinant Human Tumor Necrosis Factor Beta is produced by our E.coli expression system and the target gene encoding Leu35-Leu205 is expressed.

Tumor Necrosis Factor  $\beta$  (TNF- $\beta$ ) is a secreted protein belonging to the tumor necrosis factor family. TNF- $\beta$  binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR2 and TNFRSF14/HVEM in homotrimeric form, binds to TNFRSF3/LTBR in heterotrimeric form with LTB. TNF- $\beta$  forms heterotrimers with lymphotoxin-beta, which anchors TNF- $\beta$  to the cell surface. TNF- $\beta$  mediates the inflammatory, immunostimulatory, and antiviral response, involves in the formation of second lymphoid organs during development, has a role in apoptosis. TNF- $\beta$  is produced by lymphocytes and cytotoxic for a variety of tumor cells in vitro and in vivo.

### Product Info

**Amount :** 50  $\mu$ g

**Content :** Lyophilized from a 0.2 ml filtered solution of PBS, pH 7.4.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.