

## **PRODUCT INFORMATION**

TNF **Target** 

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

Recombinant Human Tumor Necrosis Factor Beta is produced by our E.coli expression system and

the target gene encoding Leu35-Leu205 is

expressed.

**Delivery** In Stock P01375 **Uniprot ID Expression Host** E.coli

Tag

Description

**Molecular Weight** 

**Background** 

Molecular Not available Characterization

Greater than 95% as determined by reducing **Purity** 

18.8 KDa

Formulation & Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Reconstitution

lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

Store at -20°C to -80°C for 12 months in

temperature.

Tumor Necrosis Factor  $\beta$  (TNF- $\beta$ ) is a secreted protein belonging to the tumor necrosis factor family. TNF- $\beta$  binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFBR and TNFRSF14/HVEM in homotrimeric form, binds to TNFRSF3/LTBR in heterotrimeric form with LTB. TNF-β 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.

Research use only **Usage** Conjugate Unconjugated

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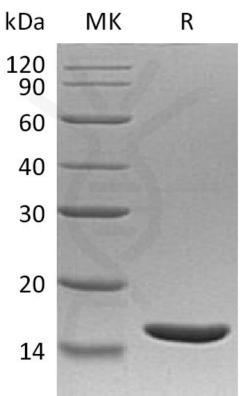


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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