

**PRODUCT INFORMATION**

<b>Target</b>	TNF
<b>Synonyms</b>	Lymphotoxin-Alpha;LT-Alpha;TNF-Beta;Tumor Necrosis Factor Ligand Superfamily Member 1;LTA;TNFB;TNFSF1
<b>Description</b>	Recombinant Human Tumor Necrosis Factor Beta is produced by our E.coli expression system and the target gene encoding Leu35-Leu205 is expressed.
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P01375
<b>Expression Host</b>	E.coli
<b>Tag</b>	
<b>Molecular Characterization</b>	Not available
<b>Molecular Weight</b>	18.8 KDa
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Tumor Necrosis Factor $\beta$ (TNF- $\beta$ ) is a secreted protein belonging to the tumor necrosis factor family. TNF- $\beta$ binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR 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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



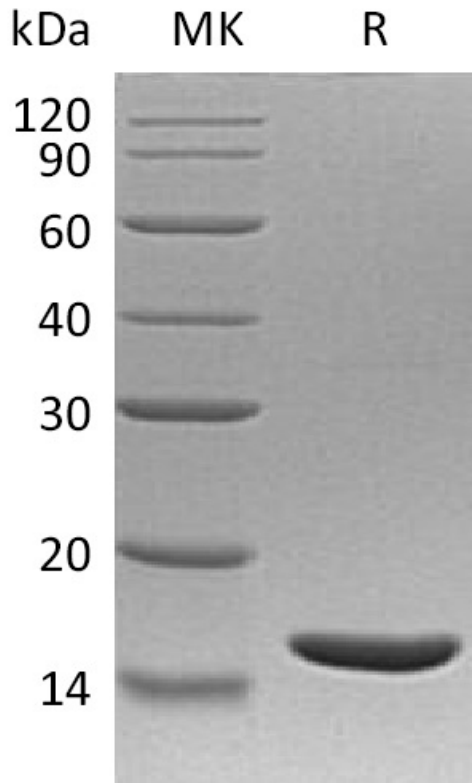


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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