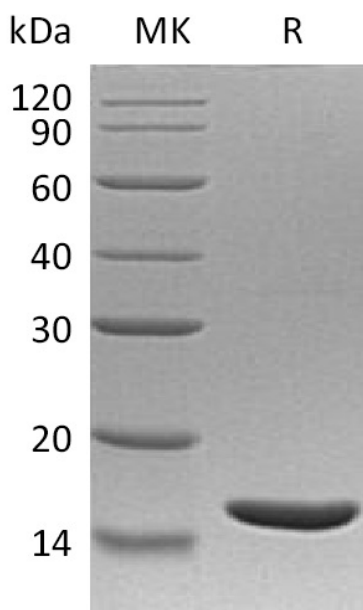


## Summary

<b>Name</b>	TNF beta/TNFB/TNFSF1B/TNF- $\beta$
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/ $\mu$ g as determined by LAL test.
<b>Construction</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>Accession #</b>	P01374
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	18.8 KDa
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$ , stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

**Product Name: Recombinant Human TNF beta**  
**Catalog #: PEH1901**



### Alternative Names

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

### Background

Tumor Necrosis Factor  $\beta$  (TNF- $\beta$ ) is a secreted protein belonging to the tumor necrosis factor family. TNF- $\beta$  binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFB2 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.

### Note

For Research Use Only , Not for Diagnostic Use.