

RP01884

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Recombinant Human TNF-beta Protein

Catalog No.: RP01884

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<I>Pichia</I>	/I4049	P01374

Tags

No-tag

Synonyms

LTA;LT;TNFB;TNFSF1;TNLG1E;LT-alpha

Product Information

Source

<I>Pichia</I>

Purification

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Background

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 LTB. 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.

Basic Information

Description

Recombinant Human TNF-beta Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Leu35-Leu205) of Human TNF-beta (Accession #P01374) fused with No-tag.

Bio-Activity

Storage

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.

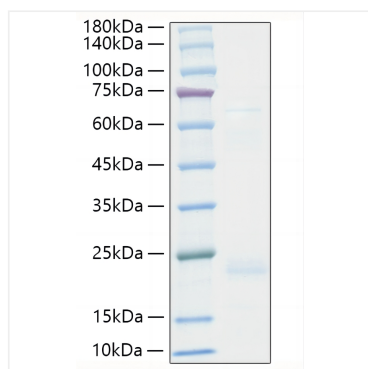
Contact



www.abclonal.com

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



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