

RP00599

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Recombinant Mouse TNFRSF3/Lymphotoxin beta R Protein

Catalog No.: RP00599

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	17000	P50284

Tags
C-Fc

Synonyms

Tumor necrosis factor receptor superfamily member 3; Lymphotoxin-beta receptor; Ltbr; Tnfr; Tnfrsf3

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

It is a single-pass type I membrane protein and contains 4 TNFR-Cys repeats. The protein is a member of the tumor necrosis factor (TNF) family of receptors. It is expressed on the surface of most cell types, including cells of epithelial and myeloid lineages, but not on T and B lymphocytes. The protein is the receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFSF14/LIGHT. It promotes apoptosis via TRAF3 and TRAF5 and may play a role in the development of lymphoid organs. The encoded protein and its ligand play a role in the development and organization of lymphoid tissue and transformed cells. Activation of the encoded protein can trigger apoptosis. Not only does the TNFRSF3 help trigger apoptosis, it can lead to the release of the cytokine interleukin 8. Overexpression of TNFRSF3 in Human Cells increases IL-8 promoter activity and leads to IL-8 release. TNFRSF3 is also essential for development and organization of the secondary lymphoid organs and chemokine release.

Basic Information

Description

Recombinant Mouse TNFRSF3/Lymphotoxin beta R Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ser28-Pro218) of mouse TNFRSF3/Lymphotoxin beta R (Accession #P50284) fused with an Fc tag at the C-terminus.

Bio-Activity

Storage

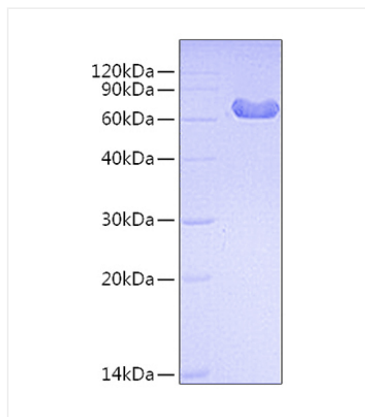
Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse TNFRSF3/Lymphotoxin beta R Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.