

For Research Use Only

Recombinant Human TNFSF13B protein (rFc Tag)



Catalog Number: Eg1970

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
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Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<1.0 EU/ µg protein, LAL method

Source:
HEK293-derived Human TNFSF13B protein Ala134-Leu285 (Accession# Q9Y275-1) with a rabbit IgG Fc tag at the N-terminus.

GeneID:
10673

Accession:
Q9Y275-1

Predicted Molecular Mass:
44.2 kDa

SDS-PAGE:

Formulation:
Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

TNFSF13B, also known as BAFF, BLYS, TALL1, TNFSF20, ZTNF4 and CD257, is a cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. This cytokine is expressed in B lineage cells, and acts as a potent B cell activator. The BAFF system promotes B cell survival and differentiation and plays a prominent role in the pathogenesis of autoimmune diseases. It has been shown that BAFF inhibitors are in clinical trials for systemic lupus erythematosus with significant efficacy.

References

1. Cristian R Smulski et al (2018). Front Immunol. Oct 8;9:2285.
2. Edina Schweighoffer et al (2021). Curr Opin Immunol. Aug;71:124-131.
3. Anne Davidson. (2010). Curr Opin Immunol. Dec;22(6):732-9.
4. Shingo Nakayamada et al (2016). Inflamm Regen. Jul 21;36:6.

Synonyms

Selected Validation Data

For technical support and original validation data for this product please contact

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.