

Recombinant Human TNFSF13B protein, His & Fc-tagged

Cat. No. TNFSF13B-445H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF13B (Q9Y275) aa. (Ala134~Leu285) fused with His & Fc tag was produced in HEK293F cells.
Species	Human
Source	HEK293
ProteinLength	Ala134~Leu285
Description	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.9kDa; Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Characteristic	Isoelectric point is 4.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	TNFSF13B TNF superfamily member 13b [Homo sapiens (human)]
Official Symbol	TNFSF13B
Synonyms	TNFSF13B; TNF superfamily member 13b; DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNLG7A; TNFSF20; tumor necrosis factor ligand superfamily member 13B; ApoL related ligand TALL-1; B-cell-activating factor; B-lymphocyte stimulator; Delta4 BAFF; TNF and ApoL-related leukocyte expressed

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ligand 1; TNF homolog that activates apoptosis; delta BAFF; dendritic cell-derived TNF-like molecule; tumor necrosis factor (ligand) superfamily, member 13b; tumor necrosis factor (ligand) superfamily, member 20; tumor necrosis factor ligand 7A; tumor necrosis factor superfamily member 13b; tumor necrosis factor-like protein ZTNF4

Gene ID [10673](#)

mRNA Refseq [NM_001145645.2](#)

Protein Refseq [NP_001139117.1](#)

UniProt ID [Q9Y275](#)

SDS-PAGE

