

## Recombinant Human TNFSF13B Protein, His-tagged

Cat. No. TNFSF13B-455H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF13B Protein (Lys113-Lys283) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys113-Lys283
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 20.4 kDa Accurate Molecular Mass: 22 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Cell culture; Activity Assays.

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<b>Stability</b>	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 centigrade 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	TNFSF13B TNF superfamily member 13b [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFSF13B
<b>Synonyms</b>	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 ligand 1; TNF homolog that activates apoptosis; delta BAFF; dendritic cell-derived TNF-like molecule; epididymis secretory sperm binding protein; 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
<b>Gene ID</b>	10673

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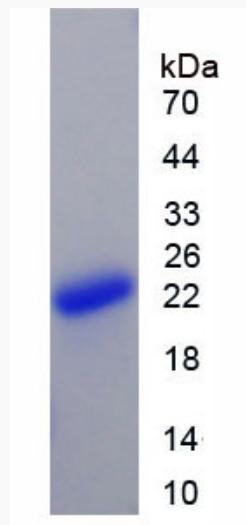
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mRNA Refseq [NM\\_006573](#)

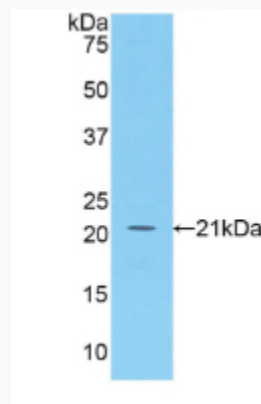
Protein Refseq [NP\\_006564](#)

MIM [603969](#)

UniProt ID [Q9Y275](#)



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