

Recombinant Human TNFSF13B Protein, His-tagged

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

SPECIFICATION

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

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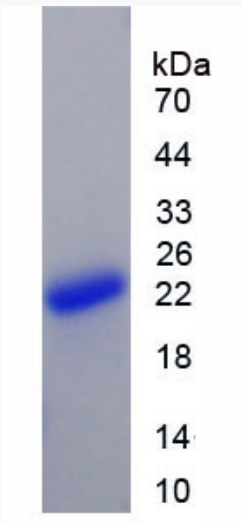
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water 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 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
Gene ID	10673

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mRNA Refseq	NM_006573
Protein Refseq	NP_006564
MIM	603969
UniProt ID	Q9Y275
	
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