

# Active Recombinant Human TNFSF13B Protein, Fc & Avi-tagged, Biotinylated

Cat. No. TNFSF13B-425H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human TNFSF13B Protein (Ala 134 - Leu 285) (AAH20674.1), fused with an Avi tag at the N-terminus, followed by a human IgG1 Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Protein Length</b>	Ala 134 - Leu 285
<b>Predicted N Terminal</b>	Ala 134
<b>Form</b>	Lyophilized from sterile 50 mM tris, 100 mM glycine, pH7.5, 10% trehalose.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human BCMA, Fc Tag at 5µg/mL (100 µL/well) can bind Biotinylated Human BAFF, Fc Tag with a linear range of 1.95-15.6 ng/mL.
<b>Molecular Mass</b>	Recombinant Human TNFSF13B Protein has a calculated MW of 44.9 kDa. As a result of Glycosylation, The protein migrates as 50 kDa under reducing (R) condition and 200 kDa under non-reducing (NR) condition on SDS-PAGE gel.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

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<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	TNFSF13B tumor necrosis factor (ligand) superfamily, member 13b [ Homo sapiens ]
<b>Official Symbol</b>	TNFSF13B
<b>Synonyms</b>	TNFSF13B; tumor necrosis factor (ligand) superfamily, member 13b; TNFSF20; tumor necrosis factor ligand superfamily member 13B; BAFF; BLYS; CD257; TALL 1; TALL1; THANK; delta BAFF; Delta4 BAFF; B-lymphocyte stimulator; B-cell-activating factor; ApoL related ligand TALL-1; TNF homolog that activates apoptosis; dendritic cell-derived TNF-like molecule; tumor necrosis factor-like protein ZTNF4; TNF and ApoL-related leukocyte expressed ligand 1; tumor necrosis factor (ligand) superfamily, member 20; DTL; ZTNF4; TALL-1;
<b>Gene ID</b>	10673
<b>mRNA Refseq</b>	NM_001145645
<b>Protein Refseq</b>	NP_001139117

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<b>MIM</b>	603969
<b>UniProt ID</b>	Q9Y275
<b>Chromosome Location</b>	13q32-q34
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem;
<b>Function</b>	cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding;

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