

Active Recombinant Human TNFSF13B protein, Fc-tagged

Cat. No. TNFSF13B-244H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF13B protein(Glu 140 - Leu 285), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu 140 - Leu 285
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human BCMA, Mouse IgG2a Fc Tag at 1 µg/mL (100 µL/well) can bind Human BAFF Protein, Fc Tag with a linear range of 0.2-6 ng/mL. Immobilized Human BAFF Protein, Fc Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Human TACI, Fc, Avitag with a linear range of 0.002-0.05 µg/mL. Immobilized Human BAFF Protein, Fc Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Mouse BAFFR, Fc, Avitag with a linear range of 0.4-25 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 76.7 kDa. The protein migrates as 120-140 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	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.

GENE INFORMATION

Gene Name	TNFSF13B tumor necrosis factor (ligand) superfamily, member 13b [Homo sapiens]
Official Symbol	TNFSF13B
Synonyms	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;
Gene ID	10673
mRNA Refseq	NM_001145645
Protein Refseq	NP_001139117
MIM	603969

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UniProt ID

Q9Y275

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