Active Recombinant Human TNFSF13B protein, His-tagged

Cat. No. TNFSF13B-9435H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TNFSF13B protein (NP_006564.1) (Glu140-Leu285) was expressed in HEK293 with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	140-285 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized Anti-BLyS (Research Grade Belim*mab Biosimilar) at 2 μg/mL (100 μL/well) can bind Recombinant Human BAFF/BLyS/TNFSF13B Protein (His Tag), the EC50 is 5-18 ng/mL.
Molecular Mass	The recombinant Human TNFSF13B consists of 466 amino acids and predicts a molecular mass of 52.16 kDa. It migrates as approximately 58 kDa band in SDS-PAGE under reducing conditions. The molecular weight of this protein is around 56.7 kDa verified by SEC-MALS.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-MALS.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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
UniProt ID	Q9Y275

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