

Active Recombinant Human TNFSF13B protein

Cat. No. TNFSF13B-2571H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF13B protein(Ala134-Leu285) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	134-285 aa
Form	Lyophilized from a 0.22 µm filtered solution of 50mM Tris, 150mM NaCl, pH 8.0.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized recombinant human BAFF at 5 µg/mL (100 µL/well) can bind recombinant human BCMA with a linear range of 3-20 ng/mL. 2. Measured in a cell proliferation assay using anti-IgM stimulated mouse B cells. The ED50 for this effect is 0.1-1 ng/mL, corresponding to a specific activity of 1×10^6 - 1×10^7 units/mg. 3. Loaded Human TNFRSF17/BCMA/CD269 Protein, C-hFc&His on ProA Biosensor, can bind Human TNFSF13B/BAFF/CD257 Protein, no Tag with an affinity constant of 3.05nM as determined in BLI assay (Gator).
Molecular Mass	17.04 kDa
Endotoxin	Please contact us for more information.
Purity	≥ 90 % as determined by SDS-PAGE.

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Storage Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Reconstitution Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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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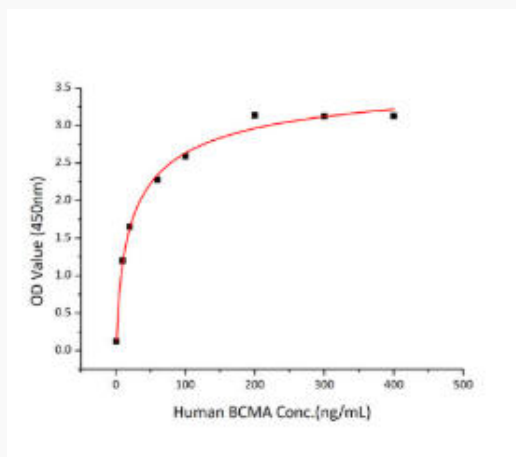
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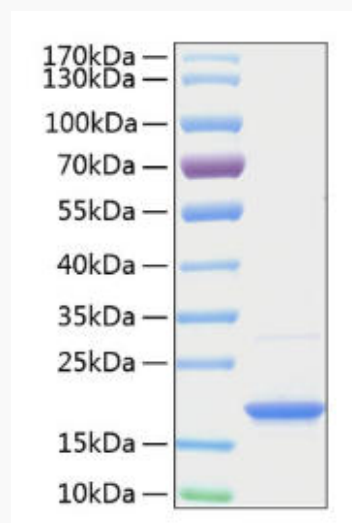
UniProt ID

Q9Y275

Activity



SDS-PAGE



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