

Active Recombinant Human TNFSF13B protein

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

SPECIFICATION

Product Overview	Active Recombinant Human TNFSF13B/BAFF/CD257 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Ala134-Leu285) of human TNFSF13B (Accession #NP_006564.1).
Species	Human
Source	E.coli
ProteinLength	Ala134-Leu285
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	<p>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.</p> <p>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.</p> <p>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).</p>
Molecular Mass	20 kDa
Purity	> 90% by SDS-PAGE.

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Storage Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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

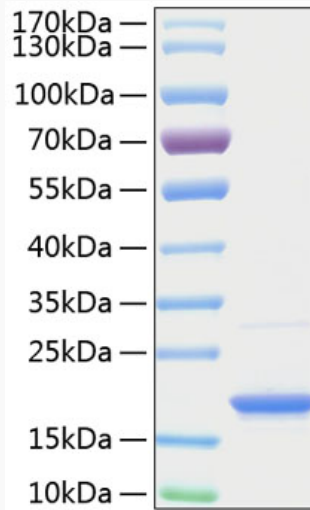
UniProt ID Q9Y275

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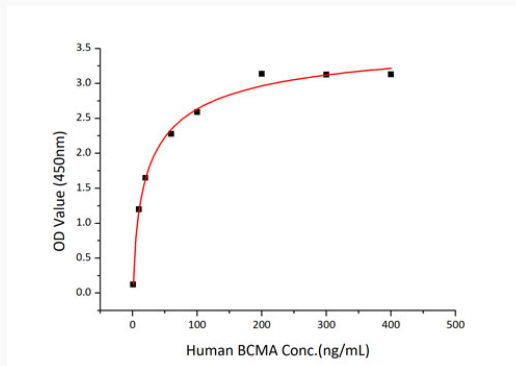
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SDS-PAGE



Bio-activity



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