

Active Recombinant Mouse Tnfsf13b Protein

Cat. No. Tnfsf13b-6553M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse tumor necrosis factor (ligand) superfamily, member 13b (BAFF / Tnfsf13b) without tag was expressed in CHO.
Species	Mouse
Source	CHO
ProteinLength	Ala127-Leu309
Description	Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.
Bio-activity	The ED50 is 0.5 - 3 ng/mL, corresponding to a specific activity of 0.33 - 2.0 × 10 ⁶ units/mg, determined by the dose dependent stimulation of B cells proliferation.
Molecular Mass	22.8 kDa
Endotoxin	Less than 1.0 EU/μg protein as determined by the LAL method
Purity	> 95%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20

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centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

Storage Store at -80 centigrade.

Concentration Protein formulated and vialled at >50 µg/mL in specified buffer

Storage Buffer 1 x PBS, pH 6.5

GENE INFORMATION

Gene Name [Tnfsf13b tumor necrosis factor \(ligand\) superfamily, member 13b \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Tnfsf13b](#)

Synonyms TNFSF13B; tumor necrosis factor (ligand) superfamily, member 13b; tumor necrosis factor ligand superfamily member 13B; B-cell-activating factor; b cell-activating factor; BAFF; BlyS; TALL1; THANK; zTNF4; TALL-1; TNFSF20; D8Ert387e; MGC124060; MGC124061

Gene ID [24099](#)

mRNA Refseq [NM_033622](#)

Protein Refseq [NP_296371](#)

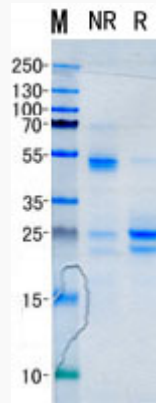
UniProt ID [Q9WU72](#)

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SDS-PAGE



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