

# Recombinant Active Mouse TNFSF13B Protein, His-tagged(C-ter)

**Cat. No.** Tnfsf13b-320M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Active Mouse TNFSF13B Protein with His tag (C-ter) was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2011]
<b>Form</b>	Powder
<b>Bio-activity</b>	Determined by its ability to induce proliferation in mouse B cells. The ED50 for this effect is < 0.5 ng/mL. The specific activity of recombinant mouse BAFF is > 2 x 10 <sup>6</sup> IU/mg.
<b>AA Sequence</b>	MAFQGPEETEQQDVLDSAPPAPCLPGCRHSQHDDNGMNLRNIIQDCLQLIADSDTPTI RKGTYTFVPWLLSFKRGNAL EEKENKIVVRQTGYFFIYSQVLYTDP IFAMGHVIQRKK VHVFGEDELSLVTLFRCIQNMPKTL PNNSCYSAGIARLEEGDEIQ LAIPRENAQISRNG

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	DDTFFGALKLL
<b>Endotoxin</b>	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
<b>Purity</b>	> 98% (by SDS-PAGE)
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	For laboratory research only, not for drug, diagnostic or other use.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
<b>Storage Buffer</b>	PBS (pH 7.4)
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Tnfsf13b tumor necrosis factor (ligand) superfamily, member 13b [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Tnfsf13b
<b>Synonyms</b>	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; D8Ertd387e; MGC124060; MGC124061;

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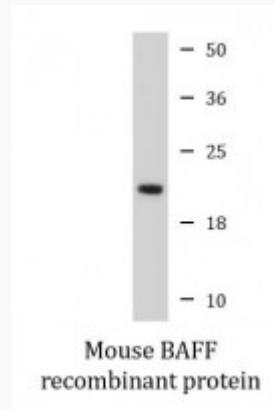
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Gene ID 24099

mRNA Refseq NM\_033622

Protein Refseq NP\_296371

SDS-PAGE



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