Active Recombinant Mouse TNFSF13B protein

Cat. No. TNFSF13B-1317M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFSF13B protein(Ala 127 - Leu 309) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ala 127 - Leu 309
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Mouse BAFF, Tag Free at 2 μg/mL (100 μL/well) can bind Mouse BAFFR, Fc Tag with a linear range of 0.4-3 ng/mL.Immobilized Mouse BAFF, Tag Free at 5 μg/mL (100 μL/well) can bind Mouse BCMA, Fc Tag with a linear range of 0.8-13 ng/mL.Immobilized Mouse BAFF, Tag Free at 5 μg/mL (100 μL/well) can bind Human TACI/TNFRSF13B, Fc Tag with a linear range of 0.8-13 ng/mL.
Molecular Mass	This protein carries no "tag"The protein has a calculated MW of 20.9 kDa. The protein migrates as 20 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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	lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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 [Mus musculus]
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; D8Ertd387e; MGC124060; MGC124061;
Gene ID	24099
mRNA Refseq	NM_033622
Protein Refseq	NP_296371

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