

Active Recombinant Mouse Tnfrsf13b Protein, Fc-tagged

Cat. No. Tnfrsf13b-6545M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse tumor necrosis factor receptor superfamily, member 13b (Tnfrsf13b) with a Fc tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr129
Description	Receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS that binds both ligands with similar high affinity. Mediates calcineurin-dependent activation of NF-AT, as well as activation of NF-kappa-B and AP-1. Involved in the stimulation of B- and T-cell function and the regulation of humoral immunity.
Bio-activity	The ED50 is 5 - 10 ng/mL, corresponding to a specific activity of $1.0-2.0 \times 10^5$ units/mg, determined by inhibition of BAFF mediated B cell proliferation by mouse TACI-Fc in a dose dependent manner. B cells were activated with anti-IgM
Molecular Mass	41 kDa
Endotoxin	Less than 0.01 ng/ μ g protein as determined by the LAL method
Purity	> 98%, 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

GENE INFORMATION

Gene Name	Tnfrsf13b tumor necrosis factor receptor superfamily, member 13b [Mus musculus (house mouse)]
Official Symbol	Tnfrsf13b
Synonyms	TNFRSF13B; tumor necrosis factor receptor superfamily, member 13b; tumor necrosis factor receptor superfamily member 13B; transmembrane activator and CAML interactor; transmembrane activator and calcium-modulating and cyclophilin ligand interactor; Taci; 1200009E08Rik
Gene ID	57916
mRNA Refseq	NM_021349
Protein Refseq	NP_067324
UniProt ID	Q9ET35

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