

Recombinant Mouse Tnfrsf1b protein(Met1-Gly258), hFc-tagged

Cat. No. Tnfrsf1b-3259M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFRSF1B (NP_035740.2) (Met 1-Gly 258) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-258 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 20-80 ng/mL in the presence of 0.5 ng/mL of Recombinant Mouse TNFα.
Molecular Mass	The recombinant mouse TNFRSF1B/Fc is a disulfide-linked homodimer. The reduced monomer consists of 477 amino acids and has a predicted molecular mass of 52.3 kDa. In SDS-PAGE under reducing conditions, rm TNFRSF1B/Fc monomer migrates as an approximately 65 kDa band due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 [Tnfrsf1b tumor necrosis factor receptor superfamily, member 1b \[Mus musculus \]](#)

Official Symbol [Tnfrsf1b](#)

Synonyms TNFRSF1B; tumor necrosis factor receptor superfamily, member 1b; tumor necrosis factor receptor superfamily member 1B; TNF-RII; TNFR-II; p75 TNFR; p80 TNF-alpha receptor; TNF receptor beta chain; tumor necrosis factor receptor 2; tumor necrosis factor receptor type II; p75; TNFBR; Tnfr2; CD120b; TNF-R2; TNFR80; TNFRII; Tnfr-1; TNF-R75; TNF-R-II; TNF-alphaR2; TNFalpha-R2;

Gene ID [21938](#)

mRNA Refseq [NM_011610](#)

Protein Refseq [NP_035740](#)

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