

Active Recombinant Mouse Tnfrsf1b protein, His-tagged

Cat. No. Tnfrsf1b-3274M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf1b protein(NP_035740.2)(Met1-Gly258), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-258 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to inhibit TNF α -mediated cytotoxicity in L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D.The ED50 for this effect is typically 1-3 μ g/mL in the presence of 0.1 ng/mL of recombinant mouse TNF α .
Molecular Mass	The recombinant mouse TNFRSF1B consists of 247 amino acids and has a predicted molecular mass of 26.8 kDa. In SDS-PAGE under reducing conditions, rm TNFRSF1B migrates as an approximately 45 kDa band due to glycosylation.
Proteinlength	Met1-Gly258
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 97 % as determined by SDS-PAGE. ≥90 % as determined by SEC-HPLC.
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 [<i>Mus musculus</i>]
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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