

Active Recombinant Mouse Tnfrsf10b protein, His&hFc-tagged

Cat. No. Tnfrsf10b-3321M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf10b protein(NP_064671.2)(Met1-Ser177), fused with His&hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser177
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	Immobilized human TNFSF10 (Cat:10409-HNAE) at 10 µg/ml (100 µl/well) can bind mouse TNFRSF10B-Fch, The EC50 of mouse TNFRSF10B-Fch is 0.07-0.17 µg/ml.
Molecular Mass	The recombinant mouse TNFRSF10B/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 373 amino acids and has a calculated molecular mass of 41.8 kDa. As a result of glycosylation, the apparent molecular mass of the TNFRSF10B/Fc monomer is approximately 50-55 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 95 % as determined by SDS-PAGE
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	Tnfrsf10b tumor necrosis factor receptor superfamily, member 10b [<i>Mus musculus</i>]
Official Symbol	Tnfrsf10b
Synonyms	TNFRSF10B; tumor necrosis factor receptor superfamily, member 10b; tumor necrosis factor receptor superfamily member 10B; death receptor 5; KILLER/DR5; TRAIL death-inducing receptor; MK; DR5; Ly98; KILLER; TRICKB; TRAILR2; TRICK2A; TRICK2B;
Gene ID	21933
mRNA Refseq	NM_020275
Protein Refseq	NP_064671

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