

Active Recombinant Mouse TNFRSF10B protein, His-tagged

Cat. No. TNFRSF10B-0778M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFRSF10B protein(Asn53-Lys180), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	53-180 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TNFSF10 at 2 µg/mL (100 µL/well) can bind Mouse TRAIL R2, His Tag with a linear range of 0.039-0.625 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 16.1 kDa. The protein migrates as 25-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asn53-Lys180
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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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