

Recombinant Mouse Tnfrsf10b Protein, Myc/DDK-tagged

Cat. No. Tnfrsf10b-6544M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tumor necrosis factor receptor superfamily, member 10b (Tnfrsf10b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. Essential for ER stress-induced apoptosis.
Molecular Mass	42.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Tnfrsf10b tumor necrosis factor receptor superfamily, member 10b \[Mus musculus \(house mouse\) \]](#)

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](#)

UniProt ID [Q9QZM4](#)

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