Recombinant Mouse Tnfrsf1b Protein, His-tagged

Cat. No. Tnfrsf1b-447M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf1b Protein (Val23-Gly258) with N-His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Val23-Gly258
Description	Enables tumor necrosis factor-activated receptor activity. Involved in several processes, including negative regulation of extracellular matrix constituent secretion; regulation of nervous system development; and semi-lunar valve development. Acts upstream of or within several processes, including RNA destabilization; apoptotic signaling pathway; and negative regulation of inflammatory response. Located in membrane raft. Is expressed in several structures, including blood; dorsal aorta; extraembryonic component; genitourinary system; and liver. Human ortholog(s) of this gene implicated in several diseases, including Parkinsonism; acne; bone disease (multiple); glomerulonephritis (multiple); and lung disease (multiple). Orthologous to human TNFRSF1B (TNF receptor superfamily member 1B).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.9 kDa Accurate Molecular Mass: 46-50 kDa

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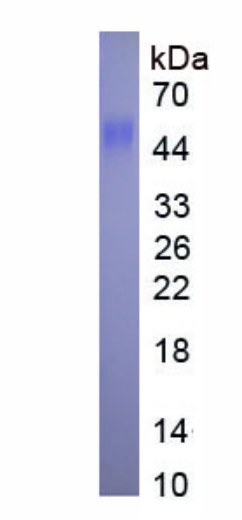
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Tnfrsf1b tumor necrosis factor receptor superfamily, member 1b [Mus musculus (house mouse)]
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

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mRNA Refseq	NM_011610
Protein Refseq	NP_035740
UniProt ID	P25119



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