

Active Recombinant Mouse Tnfrsf1b protein

Cat. No. Tnfrsf1b-847M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse Tnfrsf1b protein(P25119)(23-258 aa) was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	23-258 aa
Form	Lyophilized from a 0.2 µ filtered solution in PBS, pH 7.4.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to inhibit the TNF-α mediated cytotoxicity in the L-929 cells is less than 2 µg/ml, corresponding to a specific activity of > 500 IU/mg in the presence of 0.1 ng/mL of rMuTNF-α.
Molecular Mass	Approximately 25.3 kDa, a single non-glycosylated polypeptide chain containing 236 amino acids.
AASequence	VPAQVVLTPY KPEPGYECQI SQEYYDRKAQ MCCA KCPPGQ YVKHFCNKTS DTVCADCEAS MYTQVWNQFR TCLSCSSSCT TDQVEIRACT KQQNRVCACE AGRYCALKTH SGSCRQCMRL SKCGPGFGVA SSRAPNGNVL CKACAPGTFS DTTSSTDVCR PHRICSILAI PGNASTDAVC APESPTLSAI PRTLYVSQPE PTRSQPLDQE PGPSQTPSIL TSLGSTPIIE QSTKGG

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Endotoxin	Less than 0.1 EU/g of rMusTNF RII/TNFRSF1B as determined by LAL method.
Purity	>97% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

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

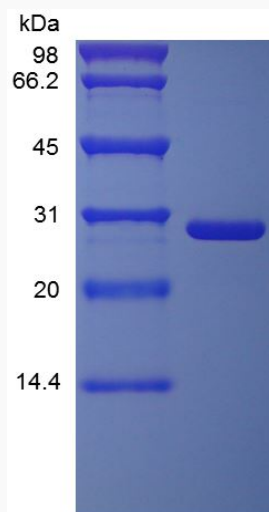
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Protein Refseq

NP_035740

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