

## Active Recombinant Mouse Tnfrsf1b protein

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Mouse Tnfrsf1b protein(P25119)(23-258 aa) was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	23-258 aa
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Approximately 25.3 kDa, a single non-glycosylated polypeptide chain containing 236 amino acids.
<b>AASequence</b>	VPAQVVLTPY KPEPGYECQI SQEYYDRKAQ MCCA KCPPGQ YVKHFCNKTS DTVCADCEAS MYTQVWNQFR TCLSCSSSCT TDQVEIRACT KQQNRVCACE AGRYCALKTH SGSCRQCMRL SKCGPGFGVA SSRAPNGNVL CKACAPGTFS DTTSSTDVCR PHRICSILAI PGNASTDAVC APESPTLSAI PRTLVSQPE PTRSQPLDQE PGPSQTPSIL TSLGSTPIIE QSTKGG

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<b>Endotoxin</b>	Less than 0.1 EU/g of rMusTNF RII/TNFRSF1B as determined by LAL method.
<b>Purity</b>	>97% by SDS-PAGE and HPLC analyses.
<b>Storage</b>	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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	Tnfrsf1b tumor necrosis factor receptor superfamily, member 1b [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Tnfrsf1b
<b>Synonyms</b>	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;
<b>Gene ID</b>	21938
<b>mRNA Refseq</b>	NM_011610

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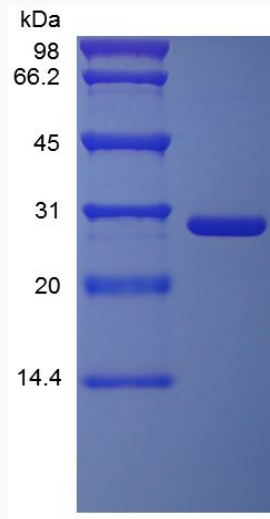
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Protein Refseq

NP\_035740

SDS-PAGE



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