

Active Recombinant Mouse Tnfsf13 protein

Cat. No. Tnfsf13-933M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfsf13 protein(Q9D777)(96-241 aa) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	96-241 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in 2 × PBS, pH 6.8, 5% Trehalose, 0.02% Tween-20.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using activated T cells.
Molecular Mass	Approximately 16.4 kDa, a single non-glycosylated polypeptide chain containing 146 amino acids.
AASequence	AVLTQKHKKK HSVLHLVPVN ITSKADSDVT EVMWQPVLRR GRGLEAQGDI VRVWDTGIYL LYSQVLFHDV TFTMGQVVSR EGQGRRETLF RCIRSMPSDP DRAYNSCYSA GVFHLHQGDI ITVKIPRANA KLSLSPHGTF LGFVKL
Endotoxin	Less than 0.1 EU/g of rMusAPRIL/TNFSF13 as determined by LAL method.
Purity	≥ 95% by SDS-PAGE analysis.

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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**

Tnfsf13 tumor necrosis factor (ligand) superfamily, member 13 [*Mus musculus*]

Official Symbol

Tnfsf13

Synonyms

TNFSF13; tumor necrosis factor (ligand) superfamily, member 13; tumor necrosis factor ligand superfamily member 13; a proliferation-inducing ligand; April; Tall2; Trdl1; 2310026N09Rik; MGC106105;

Gene ID

69583

mRNA Refseq

NM_001159505

Protein Refseq

NP_001152977

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