

## Active Recombinant Mouse Tnfsf13 protein

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

### SPECIFICATION

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