

# Active Recombinant Mouse Tnfsf13 Protein

**Cat. No.** Tnfsf13-155M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of Mouse tumor necrosis factor (ligand) superfamily, member 13 (Tnfsf13), transcript variant 1 without tag was expressed in E.coli.                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 50-241 aa                                                                                                                                                                                                    |
| <b>Description</b>      | Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. Plays a role in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes.                    |
| <b>Bio-activity</b>     | Measured by its ability to induce cell proliferation of activated T cells.                                                                                                                                   |
| <b>Molecular Mass</b>   | 21.9 kDa                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MRREVSRLQRSGGPSQKQGERPWQSLWEQSPDVLEAWKDGAKSRRRRRAVLTQK<br>HKKKHSVLHLVPVNITSKDSVTEVMWQPVLRRGRGLEAQGDIVRVWDTGIYLLYS<br>QVLFHDVTFTMGQVVSREGQGRRETLFRCIRSMPSDPDRAYNSCYSAGVFHLHQG<br>DIITVKIPRANAKLSLSPHGTFLGFVKL |
| <b>Endotoxin</b>        | Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)                                                                                                                                                          |
| <b>Purity</b>           | >95%, as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                  |

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|                       |                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade.                                                                        |
| <b>Storage Buffer</b> | Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2         |
| <b>Reconstitution</b> | Resuspend the protein in the desired concentration in proper buffer.                            |

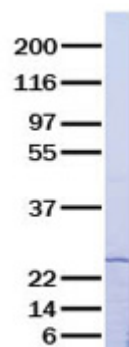
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Tnfsf13 tumor necrosis factor (ligand) superfamily, member 13 [ Mus musculus (house mouse) ]                                                                                                                                     |
| <b>Official Symbol</b> | Tnfsf13                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | Tnfsf13; tumor necrosis factor (ligand) superfamily, member 13; April; Tall2; Trdl1; Tnlg7b; 2310026N09Rik; tumor necrosis factor ligand superfamily member 13; a proliferation-inducing ligand; tumor necrosis factor ligand 7b |
| <b>Gene ID</b>         | 69583                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_023517                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_076006                                                                                                                                                                                                                        |
| <b>UniProt ID</b>      | Q9D777                                                                                                                                                                                                                           |

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