

# Active Recombinant Mouse Tnfrsf17 Protein, Fc Chimera

**Cat. No.** Tnfrsf17-661M    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Tnfrsf17 (Accession # NP_035738), fused with , was produced in Mouse myeloma cell line, NS0-derived.                                                                                                                                                                                                                       |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                                                                                                                                              |
| <b>Predicted N Terminal</b> | Met1                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in MES and NaCl.                                                                                                                                                                                                                                                                                  |
| <b>Bio-activity</b>         | Measured by its ability to inhibit APRIL-mediated proliferation of anti-IgM stimulated mouse B cells. Moore, P.A. et al. (1999) Science 285:260; Gross, J.A. et al. (2000) Nature 404:995; Schneider, P. et al. (1999) J. Exp. Med. 189:1747. The ED50 for this effect is typically 0.01-0.03 µg/mL in the presence of 100 ng/mL of rhAPRIL. |
| <b>Molecular Mass</b>       | Recombinant Mouse Tnfrsf17, Fc Chimera has a calculated MW of 32 kDa (monomer). In SDS-PAGE migrates as 35-40 kDa, reducing conditions.                                                                                                                                                                                                      |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                                                                                                  |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).                                                                                                                                                |

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## GENE INFORMATION

|                 |                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Tnfrsf17 tumor necrosis factor receptor superfamily, member 17 [ Mus musculus ]                                                                                                   |
| Official Symbol | Tnfrsf17                                                                                                                                                                          |
| Synonyms        | TNFRSF17; tumor necrosis factor receptor superfamily, member 17; tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; BCM; BCMA; Tnfrsf13; Tnfrsf13a; |
| Gene ID         | 21935                                                                                                                                                                             |
| mRNA Refseq     | NM_011608                                                                                                                                                                         |
| Protein Refseq  | NP_035738                                                                                                                                                                         |
| MIM             |                                                                                                                                                                                   |

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