

Active Recombinant Mouse Tnfrsf17 protein, His&hFc-tagged

Cat. No. Tnfrsf17-2266M **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Mouse Tnfrsf17 protein(NP_035738.1)(Met1-Thr49), fused with His and hFc tag, was expressed in HEK293. |
| Species | Mouse |
| Source | HEK293 |
| ProteinLength | Met1-Thr49 |
| Form | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Bio-activity | Measured by its binding ability in a functional ELISA. Immobilized human BAFF at 10 µg/ml (100 µl/well) can bind mouse BCMA-Fch, The EC50 of mouse BCMA-Fch is 0.02-0.06 µg/mL. |
| Molecular Mass | The recombinant mouse BCMA/Fc chimera is a disulfide-linked homodimer The reduced monomer consists of 297 amino acids and has a predicted molecular mass of 33.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm BCMA/Fc monomer is approximately 35-48 kDa due to glycosylation. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method |
| Purity | > 90 % as determined by SDS-PAGE |

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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|------------------------|---|
| Gene Name | Tnfrsf17 tumor necrosis factor receptor superfamily, member 17 [<i>Mus musculus</i>] |
| 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 |

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