

# Recombinant Rhesus TNFRSF17 protein(Met1-Ala53), Avi&Fc-tagged, Biotinylated

**Cat. No.** TNFRSF17-984R    **Lot. No.** (See product label)

## SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b>  | Recombinant Rhesus TNFRSF17 (XP_001106892.1) (Met1-Ala53) was expressed in HEK293 with a c-terminal AVI tagged Fc region of Human IgG1 tag at the C-terminus. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed. |
| <b>Species</b>           | Rhesus macaque                                                                                                                                                                                                                                                                 |
| <b>Source</b>            | HEK293                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>     | Met1-Ala53                                                                                                                                                                                                                                                                     |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                                                                         |
| <b>Form</b>              | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                 |
| <b>Bio-activity</b>      | Immobilized Cynomolgus BAFF/BLyS hFc at 2 µg/mL (100 µL/well) can bind Rhesus BCMA (hFc & AVI Tag), Biotinylated, the EC50 is 15-80 ng/mL.                                                                                                                                     |
| <b>Molecular Mass</b>    | The recombinant TNFRSF17 consists of 306 amino acids and predicts a molecular mass of 34.5 kDa.                                                                                                                                                                                |
| <b>Endotoxin</b>         | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                                       |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                               |
| <b>Storage</b>        | 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. |
| <b>Reconstitution</b> | 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.                                                                   |
| <b>Conjugation</b>    | Biotin                                                                                                                                                                                                                                          |

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