

# Recombinant Rhesus TNFRSF17 Protein, C-hFc&AVI-tagged, Biotinylated

## Product Information

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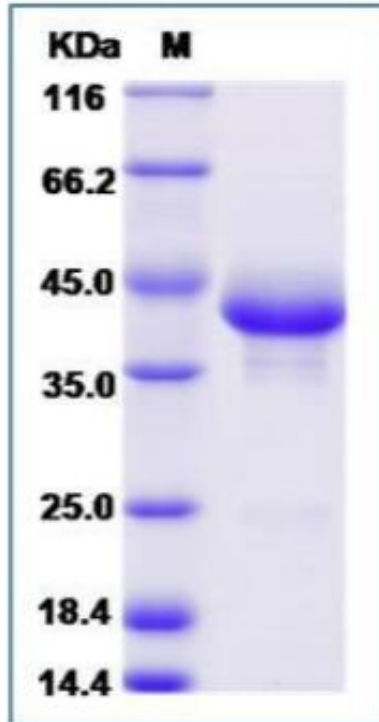
<b>Cat</b>	IMP-1857
<b>Official Symbol</b>	TNFRSF17
<b>Product Overview</b>	<i>Recombinant rhesus TNFRSF17 (XP_001106892.1) (Met1-Ala53) was expressed with a c-terminal AVI tagged Fc region of human IgG1 tag at the C-terminus. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.</i>
<b>Description</b>	<i>Tumor necrosis factor receptor superfamily, member 17 (TNFRSF17), also known as B cell maturation antigen (BCMA) or CD269 antigen, is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B), and to lead to NF-kappaB and MAPK8/JNK activation. TNFRSF17/BCMA/CD269 also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. TNFRSF17/BCMA/CD269 is a receptor for TALL-1 and BCMA activates NF-kappaB through a TRAF5-, TRAF6-, NIK-, and IKK-dependent pathway. The identification of TNFRSF17 as a NF-kappaB-activating receptor for TALL-1 suggests molecular targets for drug development against certain immunodeficient or autoimmune diseases. TNFRSF17/BCMA is a target of donor B-cell immunity in patients with myeloma who respond to DLI. Antibody responses to cell-surface BCMA may contribute directly to tumor rejection in vivo.</i>
<b>Expression System</b>	HEK293
<b>Species</b>	Rhesus
<b>Tag</b>	C-hFc&AVI
<b>Predicted N Terminal</b>	Met
<b>Form</b>	<i>Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.</i>
<b>Molecular Mass</b>	<i>The recombinant TNFRSF17 consists of 306 amino acids and predicts a molecular mass of 34.5 kDa.</i>
<b>Protein length</b>	Met1-Ala53
<b>Endotoxin</b>	< 1.0 EU/μg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE

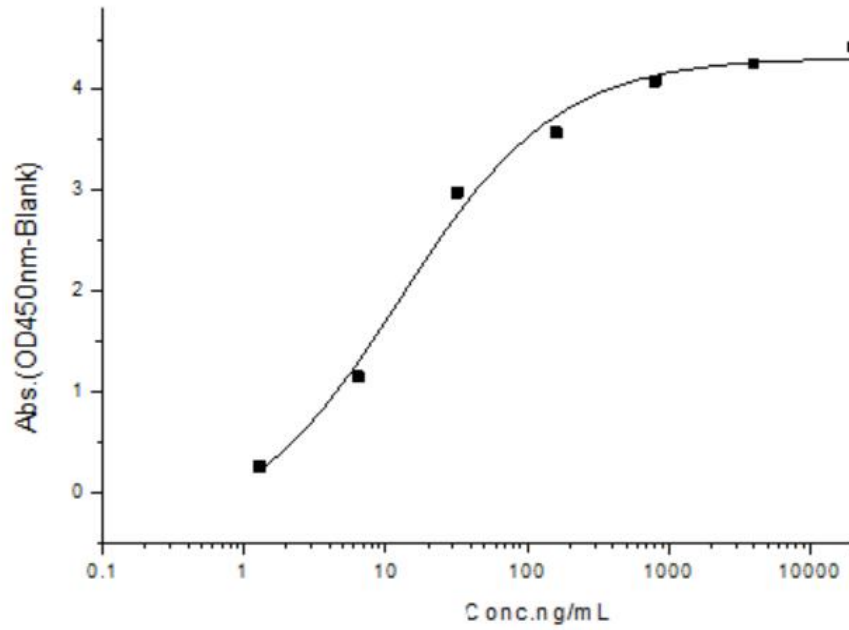
**Storage**

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

**Reconstitution**

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

**SDS-PAGE****Bioactivity-ELISA 1**



***Immobilized Cynomolgus BAFF/BLyS hFc at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Rhesus BCMA (hFc&AVI Tag), Biotinylated, the EC50 is 15-80 ng/mL.***