

# Mouse BCMA/TNFRSF17 Protein

HA210196



<b>Product name:</b>	Mouse BCMA/TNFRSF17 Protein
<b>Species reactivity:</b>	Mouse
<b>Protein construction description:</b>	Recombinant Mouse BCMA/TNFRSF17 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Met1-Thr49.
<b>Background:</b>	B-cell maturation antigen (BCMA or BCM), also known as tumor necrosis factor receptor superfamily member 17 (TNFRSF17), is a protein that in humans is encoded by the TNFRSF17 gene. TNFRSF17 is a cell surface receptor of the TNF receptor superfamily which recognizes B-cell activating factor (BAFF).
<b>Purity:</b>	> 95% as determined by Tris-Bis PAGE
<b>Endotoxin:</b>	Less than 1EU per µg by the LAL method.
<b>Source:</b>	HEK293
<b>Accession:</b>	O88472-1
<b>Predicted molecular mass:</b>	The protein has a predicted MW of 8.5 kDa. Due to glycosylation, the protein migrates to 12-16 kDa based on Tris-Bis PAGE result.
<b>Formulation:</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution:</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage:</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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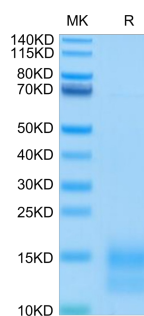
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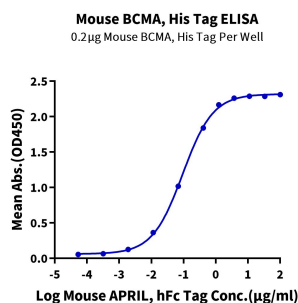
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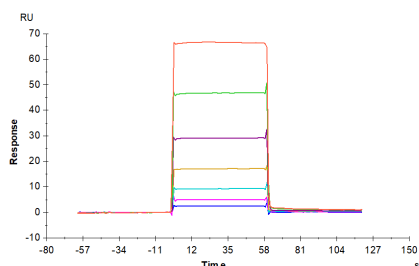
Applications: WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation



**Fig1:** Mouse BCMA on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



**Fig2:** Immobilized Mouse BCMA, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Mouse APRIL, hFc Tag with the EC50 of 93.9ng/ml determined by ELISA (QC Test).



**Fig3:** Human BAFF, hFc Tag captured on CM5 Chip via Protein A can bind Mouse BCMA, His-Avi Tag with an affinity constant of 5.83 µM as determined in SPR assay (Biacore T200).

**Note:** All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

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