

## Recombinant Cynomolgus BCMA/TNFRSF17/CD269 Protein (Fc Tag)

Catalog No. PKSQ050047

### Description

<b>Synonyms</b>	Tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; CD269; Tnfrsf17; Bcm; Bcma
<b>Species</b>	Cynomolgus
<b>Expression_host</b>	Human Cells
<b>Sequence</b>	Met1-Ala53
<b>Accession</b>	G7Q0I4
<b>Mol_Mass</b>	33.1 kDa
<b>AP_Mol_Mass</b>	38-45 kDa
<b>Tag</b>	C-Fc

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris, 100 mM Glycine, pH 7.5.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Background

B cell maturation antigen (BCMA) is a member of the TNF receptor superfamily. It has been designated TNFRSF17. BCMA is a type III membrane protein containing one extracellular cysteine rich domain. Within the TNFRSF, it shares the highest homology with TACI. BCMA and TACI have both been shown to bind to APRIL and BAFF, members of the TNF ligand superfamily. BCMA expression has been found in immune organs and mature B cell lines. Although some expression has been observed at the cell surface, BCMA appears to be localized to the Golgi compartment. The binding of BCMA to APRIL or BAFF has been shown to stimulate IgM production in peripheral blood B cells and increase the survival of cultured B cells. This data suggests that BCMA may play an important role in B cell development, function and regulation.

## SDS-PAGE

