Product Name: Recombinant Cynomolgus BCMA (C-6His)
Catalog #: PHV2144

Summary

Name	BCMA/TNFRSF17/CD269/B cell maturation antigen
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Cynomolgus B-cell maturation protein is produced by our Mammalian expression system and the target gene encoding Met1-Ala53 is expressed with a 6His tag at the C-terminus.
Accession #	G7Q0I4
Host	Human Cells
Species	Cynomolgus
Predicted Molecular Mass	7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 50 mM Tris-HCl, 100 mM Glycine, pH 7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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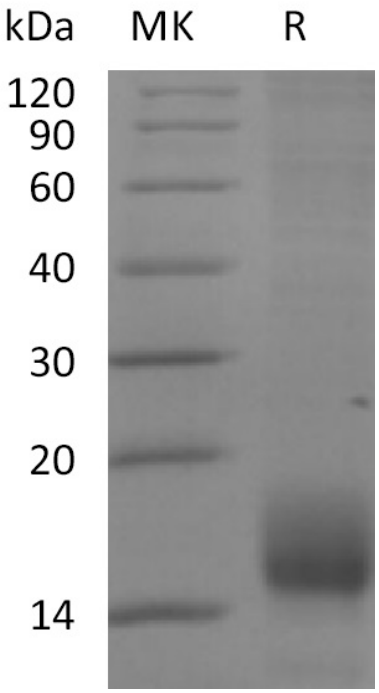

Alternative Names

Tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; CD269; Tnfrsf17; Bcm; Bcma

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.

Note

For Research Use Only , Not for Diagnostic Use.