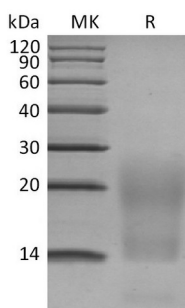


## Summary

<b>Name</b>	BCMA/TNFRSF17/CD269/B cell maturation antigen
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 17 is produced by our P.Pichia expression system and the target gene encoding Met1-Ala54 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	Q02223
<b>Host</b>	P.Pichia
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	6.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	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



## Background

**Product Name: Recombinant Human BCMA (C-6His)**  
**Catalog #: PPH1983**



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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. Human BCMA is a 184 amino acid (aa) protein consisting of a 54 aa extracellular domain, a 23 aa transmembrane domain, and a 107 aa intracellular domain. 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.