

# Recombinant Human BCMA/TNFRSF17/CD269 Protein

Catalog No.: RP00461 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	608	Q02223

### Tags

C-Fc

### Synonyms

TNFRSF17;BCM;BCMA;CD269;TNFRSF13  
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## Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL  
method.

### Formulation

Lyophilized from a 0.2 μm filtered  
solution of PBS, pH7.4. Contact us for  
customized product form or  
formulation.

### Reconstitution

Reconstitute to a concentration of  
0.1-0.5 mg/mL in sterile distilled water.

## Background

This protein 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/TALL-1/BAFF), and to lead to NF-κB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.

## Basic Information

### Description

Recombinant Human BCMA/TNFRSF17/CD269 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Met1-Ala54) of human BCMA/TNFRSF17/CD269 (Accession #Q02223) fused with an Fc tag at the C-terminus.

### Bio-Activity

Measured by its ability to inhibit APRIL-mediated proliferation of anti-IgM stimulated mouse B cells. The ED<sub>50</sub> for this effect is 0.01-0.04 μg/mL in the presence of 100 ng/mL of rhAPRIL.

### Storage

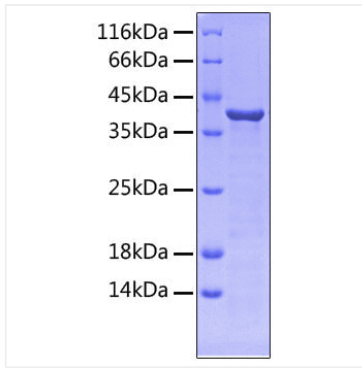
Store the lyophilized protein at -20°C to -80 °C for long term.  
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant protein Human BCMA/TNFRSF17/CD269 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 48 kDa.