

# Recombinant human BCMA/TNFRSF17 protein

Catalog Number: ATGP1842

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

78-184aa

### UniProt No.

Q02223

### NCBI Accession No.

NP\_001183

### Alternative Names

Tumor necrosis factor receptor superfamily member 17, BCM, BCMA, CD269, B-cell maturation protein, TNFRSF13A

## PRODUCT SPECIFICATION

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### Molecular Weight

14.1 kDa (130aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Tumor necrosis factor receptor superfamily member 17, also known as TNFRSF17, is a member of the TNF-receptor superfamily. The open reading frame of the gene encoding TNFRSF17 predicts a 184 amino acid protein with a single transmembrane domain that has no homology with any known protein sequences. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. TNFRSF17 also binds to various TRAF family members, and thus may transduce signals

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for cell survival and proliferation. Recombinant human TNFRSF17 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

## Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSRKINSEP LKDEFKNTGS GLLGMANIDL EKSRTGDEII LPRGLEYTVE ECTCEDCIKS  
KPKVDS DHCF PLPAMEEGAT ILVTTKTNDY CKSLPAALSA TEIEKSISAR

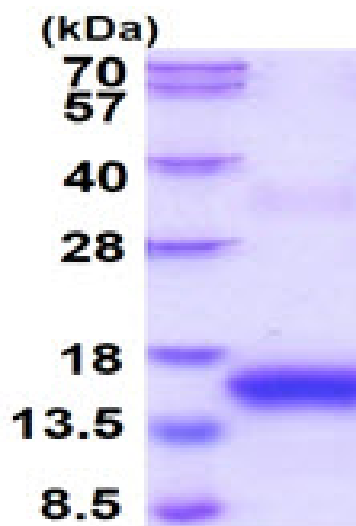
## General References

Chae S C., et al. (2010) Mol Cells. 29(1): 21-8

Barone F., et al. (2009) Mucosal Immunol. 2(6): 495-503.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)