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## Recombinant human BCMA/TNFRSF17 protein

Catalog Number: ATGP1842

#### PRODUCT INFORMATION

## **Expression system**

E.coli

#### **Domain**

78-184aa

#### UniProt No.

002223

#### **NCBI Accession No.**

NP 001183

#### **Alternative Names**

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

## **PRODUCT SPECIFICATION**

## **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**

## **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**

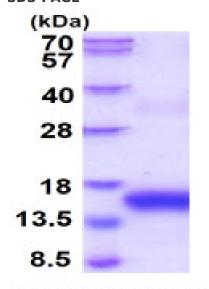
MGSSHHHHHH SSGLVPRGSH MGSRKINSEP LKDEFKNTGS GLLGMANIDL EKSRTGDEII LPRGLEYTVE ECTCEDCIKS KPKVDSDHCF PLPAMEEGAT ILVTTKTNDY CKSLPAALSA TEIEKSISAR

#### **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**





15% SDS-PAGE (3ug)

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

