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# Recombinant human APRIL/TNFSF13 protein

Catalog Number: ATGP2602

# **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

105-247aa

#### **UniProt No.**

075888

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

NP 742085

#### **Alternative Names**

Tumor necrosis factor ligand superfamily member 13, A proliferation-inducing ligand, APRIL, TNF- and APOL-related leukocyte expressed ligand 2, TALL-2, TNF-related death ligand 1, TRDL-1, CD256, ZTNF2

### **PRODUCT SPECIFICATION**

# **Molecular Weight**

17.6 kDa (159aa)

#### Concentration

1mg/ml (determined by BCA assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

#### **Purity**

> 85% by SDS-PAGE

#### Tag

T7-Tag

# **Application**

SDS-PAGE, Denatured

# **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

TNFSF13 is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. TNFSF13 and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Recombinant human TNFSF13 protein, fused to T7-tag at N-



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terminus, was expressed in E. coli.

# **Amino acid Sequence**

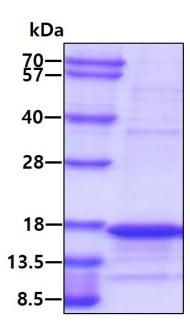
<MASMTGGQQM GRGSHM>AVLT QKQKKQHSVL HLVPINATSK DDSDVTEVMW QPALRRGRGL QAQGYGVRIQ DAGVYLLYSQ VLFQDVTFTM GQVVSREGQG RQETLFRCIR SMPSHPDRAY NSCYSAGVFH LHQGDILSVI IPRARAKLNL SPHGTFLGL

## **General References**

Pollard,R.P, et al. (2013) Ann. Rheum. Dis. 72 (1), 146-148 Notas,G., et al. (2012) J. Immunol. 189 (10), 4748-4758

#### **DATA**

#### **SDS-PAGE**



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

