

Recombinant human APRIL/TNFSF13 protein

Catalog Number: ATGP2602

PRODUCT INFORMATION

Expression system

E.coli

Domain

105-247aa

UniProt No.

O75888

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 QKQKKQHSLV LHPINATSK DSDVTEVMW QPALRRGRGL QAQGYGVRIQ
DAGVYLLYSQ VLFQDVTFTM GQVVSREGQG RQETLFR CIR SMPSHPD RAY 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.

