# Recombinant human TRAF-1 protein

Catalog Number: ATGP0571

## PRODUCT INFORMATION

**Expression system**
E.coli

**Domain**
266-416aa

**UniProt No.**
Q13077

**NCBI Accession No.**
NP_005649

**Alternative Names**
TNF receptor-associated factor 1, EBI6, TNF receptor-associated factor 1 4732496E14Rik, EBV induced protein 6, Epstein-Barr virus-induced protein 6, Tnf receptor associated factor 1, TRAF 1.

## PRODUCT SPECIFICATION

**Molecular Weight**
19.5 kDa (172aa) confirmed by MALDI-TOF

**Concentration**
0.5mg/ml (determined by Bradford assay)

**Formulation**
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

**Purity**
> 95% 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**
TRAF1, also known as TNF receptor-associated factor 1, belongs to TNF receptor superfamily. This protein and TRAF2 form a heterodimeric complex, which is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The complex also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. Recombinant human TRAF1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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### Amino acid Sequence

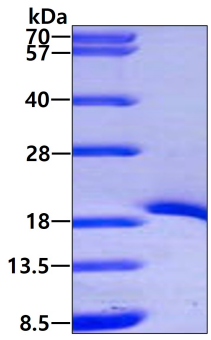
<MGSSHHHHHH SSGLVPRGSH> MDGTFLWKIT NVTRRCHESA CGRTVSLFSP AFYTAKYGYK LCLRLYLNGD GTGKRTHLSL FIVIMRGEYD ALLPWPFRNK VTFMLLDQNN REHAIDAFRP DLSSASFQRP QSETNVASGC PLFFPLSKLQ SPKHAYVKDD TMFLKCIVET ST

### General References

Ansieau S. et al. (1996) Proc Natl Acad Sci u S A. 93(24):14053-8.
Leo E,et al. (2001) J Biol Chem. 276(11):8087-93

## DATA

### SDS-PAGE




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