

TRAF1, 266-416aa, Human, His tag, E.coli

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3th Edition

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

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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

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

Sequences:

MGSSHHHHHSSGLVPRGSHMDGTFLWKITNVTRRCHESACGRTVSLFSPAFYTAKYGYKLCLRLYLNGDGTGK
RTHLSLFIVIMRGEYDALLPWPFRNKVTFMLLDQNNREHAIDAFRDLSSASFQRPQSETNVASGCPLFFPLSKLQS
PKHAYVKDDTMFLKCIVETST

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.