

**TIFA, 1-184aa, Human, His tag, E.coli**

**Cat.NO.: TP04216**

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3th Edition

**Synonyms:**TRAF-interacting protein with FHA domain-containing protein A, T2BP, T6BP, TIFAA

**Description:**TIFA, also known as TRAF-interacting protein with FHA domain-containing protein A, is an adapter protein which mediates the IRAK1 and TRAF6 interaction following IL-1 stimulation, resulting in the downstream activation of NF-kappa-B and AP-1 pathways. This protein induces the oligomerization and polyubiquitination of TRAF6, which leads to the activation of TAK1 and IKK through a proteasome-independent mechanism. Recombinant human TIFA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

**Molecular Weight:**24.0 kDa (208aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMTSFEDADTEETVTCLQMTVYHPGQLQCGIFQSISFNREKLPSSEVVKFG  
RNSNICHYTFQDKQVSRVQFSLQLFKKFNSSVLSFEIKNMSKKTNLIVDSRELGYLNKMDLPYRCMVRFGEYQFLM  
EKEDGESLEFFETQFILSPRSLQENNWPPHRPIPEYGTYSLCSSQSSSPTEMDENES

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/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.