

AR50239PU-N**Human TIFA / T2BP (1-184, His-tag) - Purified**

Alternate names:	Putative MAPK-activating protein PM14, Putative NF-kappa-B-activating protein 20, TRAF-interacting protein with FHA domain-containing protein A, TRAF2-binding protein
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q96CG3
NCBI:	NP_443096
GeneID:	92610
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT
Description:	Recombinant human TIFA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMTSFED ADTEETVTCL QMTVYHPGQL QCGIFQSISF NREKLPSSEV VKFGRNSNIC HYTFQDKQVS RVQFSLQLFK KFNSSVLSFE IKNMSSKKTNL IVDSRELGYL NKMDLPYRCM VRFGEYQFLM EKEDGESLEF FETQFILSPR SLLQENNWPP HRPIPEYGTY SLCSSQSSSP TEMDENES Molecular weight: 24.0 kDa (208aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Takatsuna H., et al. (2003) J. Biol. Chem. 278:12144-12150 Ea C.-K., et al. (2004) Proc. Natl. Acad. Sci. U.S.A. 101:15318-15323