

AR50768PU-N

Human TANK / ITRAF (1-425, His-tag) - Purified

Alternate names:	I-TRAF, TRAF family member-associated NF-kappa-B activator, TRAF-interacting protein, TRAF2
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	TANK, also known as TRAF interacting protein, is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby proposing that this protein is an inhibitor of TRAF function that regulates TRAF protein activity by sequestering TRAFs in a latent state in the cytoplasm. Overexpression of TANK inhibits TRAF2-mediated NF-Kappa-B activation signaled by CD40 and both TNF receptors and inhibits LMP1-mediated NF-kappa-B activation by blocking the association of TRAF2 with LMP1.
Uniprot ID:	Q92844
NCBI:	NP_001186064
GeneID:	10010
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT
Description:	Recombinant human TANK protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMCKNIGE QLNKAYEAFR QACMDRDSAV KELQQKTENY EQRIREQQEQ LSLQQTIDK LKSQLLLVS TQDNNGCVP LLEDSETRKN NLTLDPQDK VISGIAREKL PKVRRQEVSS PRKETSARSL GSPLLHERGN IEKTFWDLKE EFHKICMLAK AQKDHLKLN IPDTATETQC SVPIQCTDKT DKQEALFKPQ AKDDINRGAP SITSVTPRGL CRDEEDTSFE SLSKFNKFP PMDNDSTFLH STPERPGILS PATSEAVCQE KFNMEFRDNP GNFVKTEETL FEIQGIDPIA SAIQNLKTTD KTKPSNLVNT CIRTTLDRRA CLPPGDHNL YVNSFPLLD SDAPFSLDS PGKAIRGPQQ PIWKPFNPQD SDSVVLSGTD SELHIPRVCE FCQAVFPPSI TSRGDFLRHL NSHFNGET Molecular weight: 50.2 kDa (448aa)
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:	Chung J Y., et al. (2002) J Cell Sci. 115:679-688. Rothe M., et al. (1996) Proc Natl Acad Sci USA. 93:8241-8846.

Pictures:

