Recombinant human TANK protein

Catalog Number: ATGP0306

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-119aa

UniProt No.
Q92844

NCBI Accession No.
NP_597841

Alternative Names
TRAF interacting protein TANK isoform b, TRAF interacting protein TANK isoform b, I-TRAF, TRAF2, TRAF interacting protein TANK isoform b I TRAF, ITRAF, TRAF interacting protein, TRAF family member associated NF KAPPA B activator, TRAF family member associated NFKB activator, TRAF interacting protein TANK isoform a

PRODUCT SPECIFICATION

Molecular Weight
13.6 kDa (119aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0)

Purity
> 90% by SDS-PAGE

Tag
Non-Tagged

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
TANK, also known as TRAF (tumor necrosis factor receptor-associated Factor) -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

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receptors and inhibits LMP1-mediated NF-kappa-B activation by blocking the association of TRAF2 with LMP1. Recombinant human TANK protein was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

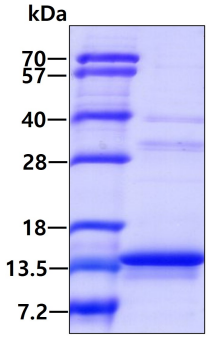
MDKNIGEQLN KAYEAFRQAC MDRDSAVKEL QQKTENYEQR IREQQEQLSL QQTIIDKLKS QLLLVNSTQD NNYGCVPLLE DSETRKNNLT LDQPQDKVIS GIAREKLPKV DIASAESSI

General References

Rothe M., et al. (1996) Proc Natl Acad Sci u S A. 93(16):8241-6.
Gatot JS., et al. (2007) J Biol Chem. 282(43):31131-46.

DATA

SDS-PAGE



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