

Datasheet for ABIN935032
TANK Protein (AA 1-119)



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1 Image

Overview

Quantity:	100 µg
Target:	TANK
Protein Characteristics:	AA 1-119
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MDKNIGEQLN KAYEAFRQAC MDRDSAVKEL QQKTENYEQR IREQQEQLSL QQTIIDKLKS QLLLVNSTQD NNYGCVPLLE DSETRKNNLT LDQPQDKVIS GIAREKLPKV DIASAESSI
Characteristics:	Purified recombinant Human TANK protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 90 % pure

Target Details

Target:	TANK
Alternative Name:	TANK (TANK Products)
Background:	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

Target Details

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.

Recombinant human TANK protein was expressed in E. coli and purified by using conventional chromatography techniques.

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

Molecular Weight: 13.6 kDa (119 AA)

Pathways: [p53 Signaling](#), [TLR Signaling](#), [Activation of Innate immune Response](#)

Application Details

Application Notes: TANK protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

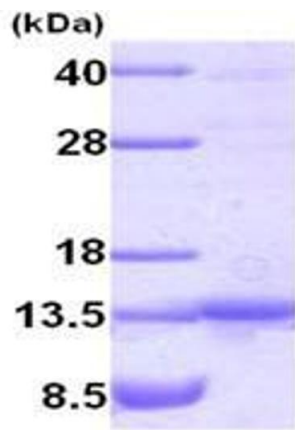
Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.