

Datasheet for ABIN7544139
TANK Protein (AA 1-425) (His tag)



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Overview

Quantity:	1 mg
Target:	TANK
Protein Characteristics:	AA 1-425
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TANK protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TANK Protein expressed in mammalian cells.
Sequence:	<p>MDKNIGEQLN KAYEAFRQAC MDRDSAVKEL QQKTENYEQR IREQQEQLSL QQTIIDKLKS QLLLVNSTQD NNYGCVPLLE DSETRKNNLT LDQPQDKVIS GIAREKLPKV RRQEVSSPRK ETSARSLGSP LLHERGNIEK TFWDLKEEFH KICMLAKAQK DHLSKLNIPD TATETQCSVP IQCTDKTDKQ EALFKPQAKD DINRGAPSIT SVTPRGLCRD EEDTSFESLS KFNVKFPPMD NDSTFLHSTP ERPGILSPAT SEAVCQEKFN MEFRDNPNGF VKTEETLFEI QGIDPIASAI QNLKTTDKTK PSNLVNTCIR TTLDRAACLP PGDHNALYVN SFPLLDPSDA PFPDLDSPGK AIRGPQQPIW KPFPNQSDS VVLSGTSEL HIPRVCEFCQ AVFPPSITSR GDFLRHLNSH FNGET</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

TANK

Alternative Name:

TANK ([TANK Products](#))

Background:

TRAF family member-associated NF-kappa-B activator (TRAF-interacting protein) (I-TRAF),FUNCTION: Adapter protein involved in I-kappa-B-kinase (IKK) regulation which constitutively binds TBK1 and IKBKE playing a role in antiviral innate immunity. Acts as a regulator of TRAF function by maintaining them in a latent state. Blocks TRAF2 binding to LMP1 and inhibits LMP1-mediated NF-kappa-B activation. Negatively regulates NF-kappaB signaling and cell survival upon DNA damage (PubMed:25861989). Plays a role as an adapter to assemble ZC3H12A, USP10 in a deubiquitination complex which plays a negative feedback response to attenuate NF-kappaB activation through the deubiquitination of IKBKG or TRAF6 in response to interleukin-1-beta (IL1B) stimulation or upon DNA damage (PubMed:25861989). Promotes UBP10-induced deubiquitination of TRAF6 in response to DNA damage (PubMed:25861989). May control negatively TRAF2-mediated NF-kappa-B activation signaled by CD40, TNFR1 and TNFR2. {ECO:0000269|PubMed:12133833, ECO:0000269|PubMed:21931631, ECO:0000269|PubMed:25861989}.

Target Details

Molecular Weight:	47.8 kDa
UniProt:	Q92844
Pathways:	p53 Signaling , TLR Signaling , Activation of Innate immune Response

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months