

Datasheet for ABIN7559576
TRIB1 Protein (AA 1-372) (His tag)



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Overview

Quantity:	1 mg
Target:	TRIB1
Protein Characteristics:	AA 1-372
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIB1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Trib1 Protein expressed in mammalien cells.
Sequence:	MRVGPVRFAL SGASQPRGPG LLFPAARGTP AKRLLDTTDDA GAVAAKCPRL SECSSPPDYL SPPGSPCSPQ PPPSTQGTGG SCVSSPGPSR IADYLLLPLA EREHVSRALC IHTGRELCK EFPIKHYQDK IRPYIQLPSH SNITGIVEVL LGESKAYVFF EKDFGDMHSY VRSRKRLREE EAARLFKQIV SAVAHCQSA IVLGLDLKLRK FVFSTEERTQ LRLESLEDTH IIKGEDDALS DKHGCPAYVS PEILNTTGTY SGKAADVWSL GVMLYTLLVG RYPFHSDSPS ALFSKIRRGQ FCIPEHVSPK ARCLIRSLLR REPSERLTAP QILLHPWFEY VLEPGYVDSE IGTSDQIVPE YQEDSDISSF FC 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.
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot

Grade: custom-made

Target Details

Target: TRIB1

Alternative Name: Trib1 ([TRIB1 Products](#))

Background: Tribbles homolog 1 (TRB-1),FUNCTION: Adapter protein involved in protein degradation by interacting with COP1 ubiquitin ligase (PubMed:23515163, PubMed:20410507). Promotes CEBPA degradation and inhibits its function (PubMed:20410507). Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain (PubMed:24003916, PubMed:23515163). Regulates myeloid cell differentiation by altering the expression of CEBPA in a COP1-dependent manner (PubMed:23515163). Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity (By similarity).
{ECO:0000250|UniProtKB:Q96RU8, ECO:0000269|PubMed:20410507, ECO:0000269|PubMed:23515163, ECO:0000269|PubMed:24003916}.

Molecular Weight: 41.3 kDa

UniProt: [Q8K4K4](#)

Pathways: [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
