

Datasheet for ABIN7557298

TRIM40 Protein (AA 1-246) (His tag)



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Overview

Quantity:	1 mg
Target:	TRIM40
Protein Characteristics:	AA 1-246
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM40 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Trim40 Protein expressed in mammalian cells.
Sequence:	MGSLDKDNQD ICPICLDPLK EAVSTDCRHL FCRMCLTQHM DKASVSGILS CPVCRKPCSE GVLGDNYICH THQKRVRRFC EASGHLLCEE CLQSPEHQSH TELSIENAIH HYKERLNRRS RKLRKDLGNL QQLKAQEKKM LQALQVDCEC HRLRTDLQNN DQTKEQLKAL PWHWLDQEDL PEEVAKIFSF SEAVTQLSIL VSGLERMAKD LDATAKLDAS DLLDRSAPQK LEGLLSRVSP AGPKLS 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.
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.
Characteristics:	Key Benefits: Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	TRIM40
Alternative Name:	Trim40 (TRIM40 Products)
Background:	E3 ubiquitin ligase TRIM40 (EC 2.3.2.27) (Probable E3 NEDD8-protein ligase),FUNCTION: E3 ubiquitin-protein ligase that plays a role in the limitation of the innate immune response. Mediates inhibition of the RLR signaling pathway by ubiquitinating RIGI and IFIH1 receptors, leading to their proteasomal degradation. Promotes also the neddylation of IKBKG/NEMO, stabilizing NFKBIA, and thereby inhibiting of NF-kappa-B nuclear translocation and activation. {ECO:0000250 UniProtKB:Q6P9F5}.
Molecular Weight:	27.9 kDa
UniProt:	Q3UWA4

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