

Datasheet for ABIN7560205

TOR1AIP1 Protein (AA 1-595) (His tag)



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Overview

Quantity:	1 mg
Target:	TOR1AIP1
Protein Characteristics:	AA 1-595
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOR1AIP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tor1aip1 Protein expressed in mammalian cells.
Sequence:	<p>MAGERWQAEG PGEGWAIYVT PRAPIREGRR RLDPRNGDSS DAPAYGAHPS RRGRRREVRFSE EEPAEYVGDF EPRAAKERSP GGRRTTPPEKF RPASAGEEVR ESAYNLRSRP RRQRRRAQEAE EMKTRRSARL EQHSQQPQLS PATSGRGLRD SPSSSEDREE DEPSSRPVTS QTASKKTLRT PEASVMNEDP ISNLCRPPLR SPRLDSTYQT NGNTKTNERE ATIVQQVNFF EEGETEDDLE SSYSDITIRA RSSDSLESRD EATPAAGNHP DSLRGLPHNQ DFPAHENQPL LLTSGCQENP QEWVDRAVRM RSRMAYNNIQ KSNFGNQSPS TSRPQSAIHH PNEPSVKIKW WLLGLVAILA VGLFWFFHTP AVETTAVQEF QNQMQLQSK YQSQNEKLWK RGTTFLEKHL NSSLPRPQPA ILLLTAAQDA AEVLKCLSEQ IADAYSSFRS VRAIRIDGAG KAAQDSDLVK HEVDQELTDG FKNGQNAAVV HRFESLPAGS TLIFYKYCDH ENAAFKDVAL VLTVLLEKT LEASLGLKEI EEKVRDFLKV KFTSSSTASS YNHMDPKLN GLWSRISHLV LPVQPENTLK AGSCL</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</p>

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.
- 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: TOR1AIP1

Alternative Name: Tor1aip1 ([TOR1AIP1 Products](#))

Background: Torsin-1A-interacting protein 1 (Lamina-associated polypeptide 1B) (LAP1B),FUNCTION: Required for nuclear membrane integrity. Induces TOR1A and TOR1B ATPase activity and is required for their location on the nuclear membrane. Binds to A- and B-type lamins. Possible role in membrane attachment and assembly of the nuclear lamina.
{ECO:0000269|PubMed:20457914}.

Molecular Weight: 66.8 kDa

UniProt: [Q921T2](#)

Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

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