

Datasheet for ABIN7555834

TOR1AIP1 Protein (AA 1-583) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TOR1AIP1
Protein Characteristics:	AA 1-583
Origin:	Human
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:	MAGDGRRAEA VREGWGVYVT PRAPIREGRG RLAPQNGGSS DAPAYRTPPS RQGRREVRFSS DEPPEVYGDF EPLVAKERSP VGKRTGLEEF RSDSAKEEVR ESAYYLRSRQ RRQPRPQETE EMKTRRTTRL QQQHSEQPPL QPSPVMTRRG LRDSHSSEED EASSQTDLSQ TISKKTVRSI QEAPVSEDLV IRLRRPPLRY PRYEATSVQQ KVNFSSEGET EEDDQDSSHS SVTTVKARSR DSDESGDKTT RSSSQYIESF WQSSQSQNFT AHDKQPSVLS SGYQKTPQEW APQTARIRTR MQNDSILKSE LGNQSPSTSS RQVTGQPQNA SFVKRNRWWL LPLIAALASG SFWFFSTPEV ETTAVQEFQN QMNQLKNKYQ GQDEKLWKRS QTFLEKHLNS SHPRSQPAIL LLTAARDAEE ALRCLSEQIA DAYSSFRSVR AIRIDGTDKA TQSDSTVKLE VDQELSNGFK NGQNAAVVHR FESFPAGSTL IFYKYCDHEN AAFKDVALVL TVLLEEETLG TSLGLKEVEE KVRDFLKVKF TNSNTPNSYN HMDPDKLNLG WSRISHLVLP VQPENALKRG ICL 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.
- 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 (Lamin-associated protein 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:23569223}.

Molecular Weight: 66.2 kDa

UniProt: [Q5JTV8](#)

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
--------------	-----------
