

Datasheet for ABIN7549448
RHOT2 Protein (AA 1-618) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RHOT2
Protein Characteristics:	AA 1-618
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RHOT2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RHOT2 Protein expressed in mammalien cells.
Sequence:	MRRDVRILLL GEAQVGKTSL ILSLVGEEFP EEVPPRAEEI TIPADVTP EK VPTHIVDYSE AEQTDEELRE EIHKANVVCV VYDVSEEATI EKIRTKWIPL VNGGTTQGPR VPIILVGNKS DLRSGSSMEA VLPIMSQFPE IETCVECSAK NLRNISELFY YAQKAVLHPT APLYDPEAKQ LRPACAQALT RIFRLSDQDL DQALSDEELN AFQKSCFGHP LAPQALDVK TVVCRNVAGG VREDRLTDG FLFLNTLFIQ RGRHETTWTI LRRFGYSDAL ELTADYLSPL IHVPPGCSTE LNHLGYQFVQ RVFEKHDQDR DGALSPVELQ SLFSVFPAAP WGPELPRTVR TEAGRLPLHG YLCQWTLVTY LDVRSCLGHL GYLGYP T LCE QDQAHAITVT REKRLDQEK G QTQRSVLLCK VVGARGVGKS AFLQAFLGRG LGHQDTREQP PGYAIDTVQV NGQEKYLILC EVGTDGLLAT SLDATCDVAC LMFDGSDPKS FAHCASVYKH HYMDGQTPCL FVSSKADLPE GVAVSGPSPA EFCRKHRLPA PVPFSCAGPA EPSTTIFTQL ATMAAFPHLV HAELHPSSFW LRGLLGVVGA AVAAVLSFSL YRVLVKSQ Sequence without tag. The proposed Purification-Tag is based on

Product Details

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:

- 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:

RHOT2

Alternative Name:

RHOT2 ([RHOT2 Products](#))

Background:

Mitochondrial Rho GTPase 2 (MIRO-2) (hMiro-2) (EC 3.6.5.-) (Ras homolog gene family member T2),FUNCTION: Mitochondrial GTPase involved in mitochondrial trafficking (PubMed:16630562, PubMed:22396657). Probably involved in control of anterograde transport of mitochondria and their subcellular distribution (PubMed:22396657). {ECO:0000269|PubMed:16630562, ECO:0000269|PubMed:22396657}.

Molecular Weight:

68.1 kDa

UniProt:

[Q8IXI1](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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