

Datasheet for ABIN7559398
RHOT2 Protein (AA 1-620) (His tag)



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Overview

Quantity:	1 mg
Target:	RHOT2
Protein Characteristics:	AA 1-620
Origin:	Mouse
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 EEVPARAEEI TIPADVTP EK VPTHIVDYSE AEQTEELQE EIHKANVVCV VYDVSEETTI EKIRTKWIPL VNGRTATGPR LPILVGNKS DLRPGSTMEA VLPIMSQFPE IETCVECSAK HLRNISELFY YAQKAVLHPT APLYDPEAKQ LRPACAQALT RIFRLSDQDR DHGLSDEELN AFQKSCFGHP LAPQALEDVK RVVCKNVSGG VQNDRLTLEG FLFLNTLFIQ RGRHETTWTI LRRFGYSDSL ELTPDYLYPA LHVPPGCSTE LNHRGYQFVQ RMFEKHDQDH DGVLSPTLQ NLFVSVFSGAP WPELLHTVP TQAGCLPLHG YLCQWTLMTY LDVQQCLAHL GYLGYP T LCE QDSQAQAITV TREKKLDQEK GQTQRSVLMC KVLGARGVGK SAF LQAFLGN SLGEARDPPE KFPLHTINTV RVNGQEKYLI LCEVNADSL DTSLDTTCDV ACLMFDSSDP KTFVHCATYI KRY YMDGQTP CLFIASKADL PEGVAPPGLS PAEFCRRHRL PAPASFCLG PAMPSTDVFT QLATMATFPH LVHTELHPTS FWLRGVLVAV GTAAVAVLSF SLYRVLVKS R Sequence without tag. The proposed Purification-Tag is based

Product Details

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:

- 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) (EC 3.6.5.-) (Ras homolog gene family member T2),FUNCTION: Mitochondrial GTPase involved in mitochondrial trafficking. Probably involved in control of anterograde transport of mitochondria and their subcellular distribution (By similarity). {ECO:0000250}.

Molecular Weight:

69.1 kDa

UniProt:

[Q8JZN7](#)

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

Application Details

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