

Datasheet for ABIN7555149

RASA1 Protein (AA 1-1047) (His tag)



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Overview

Quantity:	1 mg
Target:	RASA1
Protein Characteristics:	AA 1-1047
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RASA1 Protein expressed in mammalian cells.
Sequence:	<p>MMAAEAGSEE GGPVTAGAGG GGAAAGSSAY PAVCRVKIPA ALPVAAAPYP GLVETGVAGT</p> <p>LGGGAALGSE FLGAGSVAGA LGGAGLTGGG TAAGVAGAAA GVAGAAVAGP SGDMALTKLP</p> <p>TSLLAETLGP GGGFPPLPPP PYLPPLGAGL GTVDEGDSLD GPEYEEEEVA IPLTAPPTNQ</p> <p>WYHGKLDRTI AEERLRQAGK SGSYLIRESD RRPGSFVLSF LSQMNVVNHF RIIAMCGDYY</p> <p>IGGRRFSSLS DLIGYYSHVS CLLKGEKLLY PVAPPEPVED RRRVRILPY TKVPDTDEIS</p> <p>FLKGDMFIVH NELEDGWMWV TNLRTDEQGL IVDLVEEVG REEDPHEGKI WFHGKISKQE</p> <p>AYNLLMTVGQ VCSFLVRPSD NTPGDYSLYF RTNENIQRFK ICPTPNNQFM MGGRYYNSIG</p> <p>DIIDHYRKEQ IVEGYLKEP VPMQDQEQVL NDTV DGKEIY NTIRRKTKDA FYKNIVKKGY</p> <p>LLKKGKGKRW KNLYFILEGS DAQLIFYESE KRATKPKGLI DLSVCSVYVV HDSLFGRPNC</p> <p>FQIVVQHFSE EHYIFYFAGE TPEQAEDWMK GLQAFCNLRK SSPGTSNKRRL RQVSSLVLHI</p> <p>EEAHKLPVKH FTNPYCNIYL NSVQVAKTHA REGQNPVWSE EFVFDLPPD INRFEITLSN</p>

KTKKSKDPDI LFMRCQLSRL QKGHATDEWF LLSSHIPLKG IEPGSLRVRA RYSMEKIMPE
EEYSEFKELI LQKELHVVYA LSHVCGQDRT LLASILLRIF LHEKLESLLL CTLNDREISM
EDEATTLFRA TTLASTLMEQ YMKATATQFV HHALKDSILK IMESKQSCEL SPSKLEKNED
VNTNLTHLLN ILSSELVEKIF MASEILPPTL RYIYGCLQKS VQHKWPTNTT MRTRVSGFV
FLRLICPAIL NPRMFNIISD SPSPIAARTL ILVAKSVQNL ANLVEFGAKE PYMEGVNPF
KSNKHRMIMF LDELGNVPEL PDTTEHSRTD LSRDLAALHE ICVAHSDELRL TLSNERGAQQ
HVLKKLLAIT ELLQKQKNQY TKTNDVR

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.

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:

RASA1

Alternative Name:

RASA1 ([RASA1 Products](#))

Background:

Ras GTPase-activating protein 1 (GAP) (GTPase-activating protein) (RasGAP) (Ras p21 protein activator) (p120GAP),FUNCTION: Inhibitory regulator of the Ras-cyclic AMP pathway. Stimulates the GTPase of normal but not oncogenic Ras p21, this stimulation may be further increased in the presence of NCK1. {ECO:0000269|PubMed:11389730,

Target Details

	ECO:0000269 PubMed:8360177}.
Molecular Weight:	116.4 kDa
UniProt:	P20936
Pathways:	Regulation of Actin Filament Polymerization , Signaling of Hepatocyte Growth Factor Receptor , VEGFR1 Specific Signals

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 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