

Datasheet for ABIN7556411

## RASAL1 Protein (AA 1-799) (His tag)



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### Overview

Quantity:	1 mg
Target:	RASAL1
Protein Characteristics:	AA 1-799
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASAL1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Rasal1 Protein expressed in mammalian cells.
Sequence:	<p>MAKSGSLSIR VVEGRALPAK DVSGSSDPYC LVKVDDQVVA RTATIWRSLSPFWGEEYTVH</p> <p>LPLDFHHLAF YVLDEDTVGH DDIIGKISLS KEAITADPRG IDSWINLSRV DPDAEVQGEV</p> <p>CLDVKLLEDA RGRCLRCHVR QARDLAPRDI SGTSDPFARV FWGNHSLETS TIKKTRFPHW</p> <p>DEVLELREAP GTTSPLRVEL WDWDVMVGKND FLGMVEFTPQ TLQKPPNGW FRLLPFPRAE</p> <p>DSGGSLGALR LKVRLTEDRV LPSQYYQPLM ELLLESVQGP AEEDTTSPLA LLEELASGDC</p> <p>RQDLATKLVK LFLGRGLAGP FLDYLTRREV ARTNDPNTLF RSNSLASKSM EQFMKLVGMR</p> <p>YLHEVLRPVI SRVFEEKKYM ELDPCCKMDLN RSRRISFKGT PTEEQVRETS LGLLTGYLGS</p> <p>VVDAIVSSTG RCPLALRLAF KQLQRCVEKR FSGIEHQDVK YLAISGFLFL RFFAPAILTP</p> <p>KLFDLRDQHA DPQTSRSLLL LAKAVQSIGN LGQQLGQGKE QWLAPLHPFL LQSI SRVRDF</p> <p>LDQLVDVDED EEAGGPACAL VQPSTIVREG FLLKRKEEPP GLATRFAPKK RYFRLSGRDL</p> <p>SYSKTPEWQV HTSIPLSCIR AVEHVDEGAF QLPHVMQVVT QDGAGTSHTT YLQCKNVNDL</p>



## Product Details

NQWLSALRKA SAPNPGKLVA CHPGAFRSGR WTCCLQAERS AAGCSRTHSA ITLGDWSDPL  
DPDAEAQAVY RQLLLGRDQL RLKLLDSSL DTEVDPGRDS SATDGPCA EV LAQQRAATTH  
LLQVLEDLEQ AHEEFQKRG **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:

RASAL1

### Alternative Name:

Rasal1 ([RASAL1 Products](#))

### Background:

RasGAP-activating-like protein 1 (RAS protein activator like 1) (Ras GTPase-activating-like protein),FUNCTION: Probable inhibitory regulator of the Ras-cyclic AMP pathway. Plays a role in dendrite formation by melanocytes. {ECO:0000250|UniProtKB:O95294}.

### Molecular Weight:

89.4 kDa

### UniProt:

[Q9Z268](#)



## 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.
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Restrictions:	For Research Use only
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## 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