

Datasheet for ABIN7555133  
**RASA4 Protein (AA 1-803) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RASA4
Protein Characteristics:	AA 1-803
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASA4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant RASA4 Protein expressed in mammalian cells.
Sequence:	MAKRSSLYIR IVEGKNLPAK DITGSSDPYC IVKVDNEPII RTATVWKTLC PFWGEEYQVH LPPTFHAVAF YVMDEDALSR DDVIGKVCLT RDTIASHPKG FSGWAHLTEV DPDEEVQGEI HLRLEVWPGA RACRLRCSVL EARDLAPKDR NGTSDPFVRV RYKGRRETTS IVKKSICYPRW NETFEFELQE GAMEALCVEA WDWDLVSRND FLGKVVIDVQ RLRVVQQEEG WFRLQPDQSK SRRHDEGNLG SLQLEVRLRD ETVLPSSYYQ PLVHLLCHEV KLGMMQGGPQL IPLIEETTST ECRQDVATNL LKLFLGQGLA KDFLDLLFQL ELSRTSETNT LFRNSLASK SMESFLKVAG MQYLHGV LGP IINKVFEEKK YVELDPSKVE VKDVGCGLH RPQTEAEVLE QSAQTLRAHL GALLSALSRS VRACPAVVRA TFRQLFRRVR ERFPGAQHEN VPPIAVTSFL CLRFFSPAIM SPKLFHLRER HADARTSRTL LLLAKAVQNV GNMDTPASRA KEAWMEPLQP TVRQGV AQLK DFITKLVDIE EKDEL DLQRT LSLQAPPVKE GPLFIHRTKG KGPLMSSSFK KLYFSLTTEA LSFAKTPSSK KSALIKLANI RAAEKVEEKS FGGSHVMQVI YTDDAGRPQT AYLQCKCVNE LNQWLSALRK VSINNTGLLG SYHPGVFRGD KWSCCHQKEK TGQGCDKTRS RVTLQEWNDP

## Product Details

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LDHDLEAQLI YRHLLGVEAM LWERHRELSG GAEAGTVPTS PGKVPEDSLA RLLRVLQDLR  
EAHSSSPAGS PPSEPNCLLE LQT **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

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**Target:** RASA4

**Alternative Name:** RASA4 ([RASA4 Products](#))

**Background:** Ras GTPase-activating protein 4 (Calcium-promoted Ras inactivator) (Ras p21 protein activator 4) (RasGAP-activating-like protein 2),FUNCTION: Ca(2+)-dependent Ras GTPase-activating protein, that switches off the Ras-MAPK pathway following a stimulus that elevates intracellular calcium. Functions as an adaptor for Cdc42 and Rac1 during FcR-mediated phagocytosis. {ECO:0000269|PubMed:11448776}.

**Molecular Weight:** 90.5 kDa

## Target Details

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UniProt: [O43374](#)

## Application Details

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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

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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