

Datasheet for ABIN7564125

RASA4 Protein (AA 1-802) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|----------------------------------------------|
| Quantity: | 1 mg |
| Target: | RASA4 |
| Protein Characteristics: | AA 1-802 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RASA4 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant Rasa4 Protein expressed in mammalian cells. |
| Sequence: | <p>MAKRSSLSIR IVEGKNLPAK DITGSSDPYC IVKVDNEPII RTATVWKTLC PFWGEDYQVH</p> <p>LPPTFHTVAF YVMDEDALSR DDVIGKVCLT RDALASHPKG FSGWTHLVEV DPNEEVQGEI</p> <p>HLRLEVPGV HASRLRCAVL EARDLAPKDR NGASDPFVRV HYNRTQETS VVKKSCYPRW</p> <p>NETFDFELEK GASEALLVEA WDWDLVSRND FLGKVAVNVQ RLCSAQQEEG WFRLQPDQSK</p> <p>SRQKGKGNLGS LQLEVRLRDE TVLPSCYQYP LVQLLCQEVK LGTQGPGRLI PVIEETSAE</p> <p>CRQEVATTLL KLFLGQGLAK DFLDLLFQLE LGRTSEANTL FRSNSLASKS MESFLKVAGM</p> <p>RYLHGILGPI IDRVFEEKKY VELDPSKVEV KDVGCGLHR PQTEAEVLEQ SAQTLRAHLV</p> <p>ALLSAICRSV RTCPAIRAT FRQLFRRVRE RFPNAQHQNVP FIAVTSFLC LRFSPAILS</p> <p>PKLFHLRERH ADARTSRTLL LLAKAVQNIG NMDTPVSRK ESWMEPLQPT VRQGVAKLKD</p> <p>FIMKLVDIEE KEELDLQAL NSQAPPVKEG PLFIHRTKGK GPLASSSFKK LYFSLTTEAL</p> <p>SFAKTSSSKK STFIKLASIR AAKEVVEEKSF GSSHIMQVIY ADDVGRAQTV YLQCKCVNEL</p> <p>NQWLSALRKA STNNRGLLRS YHPGIFRGDK WSCCHQKDKT DQGCCKTHSR VTLQEWNDPL</p> |

Product Details

DHDLEAQLIY RHLLGVEAAL RERYQLLRGA TEAGVSPTGC DGAPEDSLAQ LLRVLQDLRE
AHGSSLASPA AREPHHLEL QT **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

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. Isoform 2 activates the Ras pathway and promotes RANKL shedding by modulating the expression of MMP14. {ECO:0000269|PubMed:16041389, ECO:0000269|PubMed:16234249}.

Target Details

Molecular Weight: 90.1 kDa

UniProt: [Q6PFQ7](#)

Application Details

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

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