

Datasheet for ABIN7555128

RASAL3 Protein (AA 1-1011) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RASAL3
Protein Characteristics:	AA 1-1011
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASAL3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RASAL3 Protein expressed in mammalian cells.
Sequence:	MDPPSPSRTS QTQPTATSPL TSYRWHTGGG GEKAAGGFRW GRFAGWGRAL SHQPEMVSTQ PAPRSIFRRV LSAPPKESRT SRLRLSKALW GRHKNNPPPEP DPEPEQEAPLEPEPELEPP TPQIPEAFTP NVPVWDIGGF TLLDGKLVLL GEEEEGPRRP RVGSASSEGS IHVAMGNFRD PDRMPGKTEP ETAGPNQVHN VRGLLKRLKE KKKARLEPRD GPPSALGSRE SLATLSELDL GAERDVRIWP LHPSLLGEPH CFQVTWTGGS RCFSCRSAAE RDRWIEDLRR QFQPTQDNVE REETWLSVWV HEAKGLPRAA AGAPGVRAEL WLDGALLART APRAGPGQLF WAERFHFEAL PPARRLSLRL RGLGPGSAVL GRVALALEEL DAPRAPAAGL ERWFPLLAP AGAALRARIR ARRLRVLPSE RYKELAEFLT FHYARLCGAL EPALPAQAKE ELAAAMVRVL RATGRAQALV TDLGTAELAR CGGREALLFR ENTLATKAID EYMKLVAQDY LQETLGQVVR RLCASTEDCE VDPSKCPASE LPEHQARLRN SCEEVFETII HSYDWFPAL GIVFSSWREA CKERGSEVLG PRLVCASLFL RLLCPAILAP SLFGLAPDHP APGPARTLTL IAKVIQNLAN RAPFGEKEAY MGFMNSFLEE HGPAMQCFLD QVAMVDVDAAPSGYQGSGDL ALQLAVLHAQ LCTIFAELDQ

Product Details

TTRDTLEPLP TILRAIEEGQ PVLVSVPMLR PLPPAQVHSS LSAGEKPGFL APRDLPKHTP
LISKSQSLRS VRRSESWARP RPDEERPLRR PRPVQRTQSV PVRRPARRRQ SAGPWPRPKG
SLSMGPAPRA RPWTRDSASL PRKPSVPWQR QMDQPQDRNQ ALGTHRPVNK LAELQCEVAA
LREEQKVLRS LVESLSTQIR ALTEQQEQLR GQLQDLD SRL RAGSSEFDSE HNLTSNEGHS
LKNLEHRLNE MERTQAQLRD AVQSLQLSPR TRGSWSQPQP LKAPCLNGDT T **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: RASAL3

Alternative Name: RASAL3 ([RASAL3 Products](#))

Background: RAS protein activator like-3,FUNCTION: Functions as a Ras GTPase-activating protein. Plays an important role in the expansion and functions of natural killer T (NKT) cells in the liver by negatively regulating RAS activity and the down-stream ERK signaling pathway.

Target Details

{ECO:0000250|UniProtKB:Q8C2K5}.

Molecular Weight: 111.9 kDa

UniProt: [Q86YV0](#)

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