

Datasheet for ABIN7564508

RASAL3 Protein (AA 1-1041) (His tag)



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Overview

Quantity:	1 mg
Target:	RASAL3
Protein Characteristics:	AA 1-1041
Origin:	Mouse
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:	<p>MKPECGQTMF RTFWSRSRDS SAMDPPLQSE EDSQTQPSLP SPLTSYRWHT GGSGEKAAGG</p> <p>FRWGRFAGWG RALSHQEPMV NSQPAPRS LF RRVL SAPPKE SRSNRLRFSK TLWGRHK NVA</p> <p>PLEPKPNPKA PEPELELVAD PDL PVAQIPE PPTPDMPVWN IDGFTLLEGK LVMLGEEEGP</p> <p>RQIRVGSASS ENSMQAALGN LKDAVRTPGK TEPEAAGSNQ VHNVRKLLKR LKEKKRAKSE</p> <p>LGAYTPRDGP PSALGSRESL ATLSELDLGA ERDVRVWPLH PSLLGEPYCF QVTWAGGSLC</p> <p>FSCRSSAERD RWIEDLRRQF QPSQDNVERQ EMWLT VVWHE AKGLPRATVP GVRAELWLDG</p> <p>ALLARTAPRA GPGQLFWAER FHFEALPPAR RLSRLRSAG PAGATVGRVV LELDEVSIPR</p> <p>APAAGLERWF PVLGAPAGAV LRARIRVRCL RVLPSERYKE LAEFLTFHYA RLCGALEPAL</p> <p>SAQAKEELAA AMVRVLRATG RAQALVTDLG TAE LARCGGR EALLFRENTL ATKAIDEYMK</p> <p>LVAQEYLQDT LGQVVRCLCA STEDCEVDPS KCPTPELPKH QARLRDSCEE VFENIIHSYN</p> <p>CFPAELGSVF SSWREACKAR GSEALGPRLV CASLFLRLLC PAILAPSLFG LAPEHPAPGP</p> <p>ARTLTIAKV IQNLANCAPF GEKEAYMAFM NSFLEDHGPA MQHFLDQVAT VDADTTTPSGY</p>

Product Details

QGSGDLALQL AVLHVQLCTI FAELDQKTQD SLEPLPTILR AIEEGRPVPV SVPMRLPRIS
TQVQSSFFSG EKPGLAPRD LPKHTPLISK SSQLRSFQGA GSWASRRPDE ERPQRRPRPV
LRTQSVPARR PTHRRPSAGS KPRPKGSLRM GPAPCGRAWT RASASLPRKP SVPWQRQMDQ
PGDRYQTTGT HRPVGKLA EI QCEVAIFREA QKALSLLVES LSTQVQALKE QQEHFRCQLQ
DLYSRLGAGI SKLDSKGGLP SNGSHRLKSL EQRLTEMECS QDQLRDSLQS LQLLSKTPGS
RSQPLPLKAP CVNGADLSMG 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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:0000269 PubMed:25652366}.
Molecular Weight:	114.8 kDa
UniProt:	Q8C2K5

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