

Datasheet for ABIN7554768

RASAL2 Protein (AA 1-1139) (His tag)



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Overview

Quantity:	1 mg
Target:	RASAL2
Protein Characteristics:	AA 1-1139
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASAL2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RASAL2 Protein expressed in mammalian cells.
Sequence:	<p>MQTPEVPAER SPRRRSISGT STSEKPNMSMD TANTSPFKVP GFFSKRLKGS IKRTKSQSKL</p> <p>DRNTSFRLPS LRSTDDRSRG LPKLKESRSH ELLSPCSTV ECLDLGRGEP VSVKPLHSSI</p> <p>LGQDFCFEVT YLSGSKCFSC NSASERDKWM ENLRRTVQPN KDNCRRRAENV LRLWIEAKD</p> <p>LAPKKKYFCE LCLDDTLFAR TTSKTKADNI FWGEHFEFFS LPPLHSITVH IYKDVEKSKK</p> <p>KDKNNYVGLV NIPTASVTGR QFVEKWYPVS TPTPNKGKTG GPSIRIKSRF QTITILPMEQ</p> <p>YKEFAEFVTS NYTMLCSVLE PVISVRNKEE LACALVHILQ STGRAKDFLT DLVMSEVDR</p> <p>GEHDLIFRE NTIATKSIEE YLKLVGQQYL HDALGEFIKA LYESDENCEV DPSKCSSSEL</p> <p>IDHQS NLKMC CELAFCKIIN SYCVFPRELK EVFASWKQQC LNRGKQDISE RLISASLFLR</p> <p>FLCPAIMSPS LFNLMQEYPD DRTSRTLTLI AKVIQNLANF AKFGNKEEYM AFMNDFLEHE</p> <p>WGGMKRFLLE ISNPDTISNT PGFDGYIDLG RELSVLHSLI WEVVSQLDKG ENSFLQATVA</p> <p>KLGPLPRVLA DITKSLTNPT PIQQQLRRFT EHNSSPNVSG SLSSGLQKIF EDPTDSDLHK</p> <p>LKSPSQDNTD SYFRGKTLII VQQAASSQSM YSEKDERESS LPNGRSVSLM DLQDTHAAQV</p>

EHASVMLDVP IRLTGSQLSI TQVASIKQLR ETQSTPQSAP QVRRPLHPAL NQPGGLQPLS
FQNPVYHLNN PIPAMPKASI DSSLENLSTA SSRSQSNSED FKLSGSPNSS MEDFTKRSTQ
SEDFSRRHTV PDRHIPLALP RQNSTGQAQI RKVDQGGLGA RAKAPPSLPH SASLRSTGSM
SVVSAALVAE PVQNGSRSRQ QSSSSRESPV PKVRAIQRQQ TQQVQSPVDS ATMSPVERTA
AWVLNNGQYE EDVEETEQLN DEAKHAEKYE QEITKLKERL RVSSRRLEEY ERRLLVQEQQ
MQKLLLEYKA RLEDSEERLR RQEEKDSQM KSIISRLMAV EEELKKDHAE MQAVIDAKQK
IIDAQEKRIV SLDSANTRLM SALTQVKERY SMQVRNGISP TNPTKLSITE NGEFKNSSC **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: RASAL2

Alternative Name: RASAL2 ([RASAL2 Products](#))

Background: Ras GTPase-activating protein nGAP (RAS protein activator-like 2),FUNCTION: Inhibitory

Target Details

	regulator of the Ras-cyclic AMP pathway.
Molecular Weight:	128.6 kDa
UniProt:	Q9UJF2

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