

Datasheet for ABIN7564718
ARAP3 Protein (AA 1-1538) (His tag)



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Overview

Quantity:	1 mg
Target:	ARAP3
Protein Characteristics:	AA 1-1538
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARAP3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Arap3 Protein expressed in mammalien cells.
Sequence:	<p>MAAPQDLIA VWLALVHLEQ YADTFRRHGL ATAGAAQHLG HEELRHGIS ATGHRKRILR LLRAGSAEGF LDSHLDNTME PTPSPAPDAQ PPKPVPKPRT VFGLSNPATA QRPGLSPIFW DPEVSRNSEC TQRSSPLLPS SSEQPSVPNT MEMMPNAIYF GLDLRGRAQA AQDVTDPSSQ ATVPTPAFRP TTGTVHIMDP GCLYYGVQPV GIPGASDRRD GRGVCQERAE HRQDLETRED AGYASLELPG DSILSLPTQD AETSDDLISP YASFSSTADR PVPLLSGWLD KLSPQGNVVF QRRFVQFNGR SLMYFGSDKD PFPKGVILPT AIEMTRSSKD NKFQVITGQR VVVFRTSEA QRDLWCSTLQ SCLKEQRLG HPRPPHPPR LRTGTLELRG HKAKVFAALI PGELALYKSE QAFSLGIGIC FIELQGCSVR ETKSRSFDLL TPHRCFSFTA ESGGARQSWA AALQEAVTET LSDYEVAEKV WSNPANRHCA DCRASRPDWA AVNLGVVICK QCAGQHRALG SGISKVQSLK LDTSVWSNEI VQLFIVLGND RANCFWAGAL PPGEGLHPDS APGPRGEFIS RKYKLG LFRK PHPRHPDHSQ LLQALCAAMA GPNLLKNMAQ LLCVETSEGE EPLSPSALNG SLLSLLPSDS</p>

PGVYNEVVVP ATYRGFLYCG SISNKAGAPP LRRGRDAPPR LWCVLGAAL MFASSESSPEP
LSLLQPQDIV CLGVSPPPAD PGDLDRFPFS FELILTGGRI QHFATDGADS LEAWISAVGK
WFSPLSCHQL LGPGLLRMGR LWLRSPSHAG LAPGLWLSGF GLLRGDHLFL CPAPGPGPPA
PEDMVHLRRL QEISVSAAD TPKKEHLVL VETGRTLYLQ GEGRLDFAAW NTAIGGAAGG
GGTGLQEQQM SRGDPIIVD ACISFVTQHGLRLEGVYRKG GARARSLRLL AEFRRDARSV
KLRPREHFVE DVTDTLKRFF RELDDPVTSA RLLPRWREAA ELSQKNQRLE KYKEVISCLP
RVNRRTLATL IGHLYRVQKC ASLNQMCTRN LALLFAPSVF QTDGRGEHEV RVLQELIDGY
ISVFDIDSDQ AAQIDLEVSL ITTWKDVQLS QAGDLIMEVY IEQQLPDNCV TLKVSPTLTA
EELTNQVLEM RGAASGTDLW VTFEILEHGE LERPLHPKEK VLEQALQWCQ LPEPCSASLL
LRKVSMHAG CLFTGVRRES PRVGLLRCRE EPRLLGNRF QERFFLVRGR CLLLLKEKKS
SKPEREWSLE GAKVYLGIRK KLPPTLWGF TLILEKMHLC LSCMDEEEMW DWTTLSILKAQ
HDDQQSVVLR RRSSDLARQ KFGTMPLLP I RGDDSGATLL SANQTLRRLH NRRTLSMFFP
MKSPQGSVEE QDELEEPVYE EPVYEEVGAF PELTKD TTFS STWEWSAKSD PSLTSQRSFD
QPPLSKASML GHEERIPDPGPPSKSSSQ ARGSL EEQLL QELNNLILRK GEPASCPSS
SQPTSPQAPS PTLPTPTPS LPTQPPCTSN PPSSQPLT **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.**

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, Western Blot

Grade: custom-made

Target Details

Target:	ARAP3
Alternative Name:	Arap3 (ARAP3 Products)
Background:	Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3 (Centaurin-delta-3) (Cnt-d3) (Dual specificity Rho- and Arf-GTPase-activating protein 1),FUNCTION: Phosphatidylinositol 3,4,5-trisphosphate-dependent GTPase-activating protein that modulates actin cytoskeleton remodeling by regulating ARF and RHO family members. Is activated by phosphatidylinositol 3,4,5-trisphosphate (PtdIns(3,4,5)P3) binding. Can be activated by phosphatidylinositol 3,4-bisphosphate (PtdIns(3,4,5)P2) binding, albeit with lower efficiency. Acts preferentially on ARF5 and on RHOA. {ECO:0000269 PubMed:15546919}.
Molecular Weight:	169.7 kDa
UniProt:	Q8R5G7

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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