

Datasheet for ABIN7552233

ARAP3 Protein (AA 1-1544) (His tag)



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Overview

Quantity:	1 mg
Target:	ARAP3
Protein Characteristics:	AA 1-1544
Origin:	Human
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 mammalian cells.
Sequence:	MAAPQDLIDIA VWLATVHLEQ YADTFRRHGL ATAGAARGLG HEELKQLGIS ATGHRKRILR LLQTGTEEGS LDPKSDSAME PSPSPAPQAA PPKPVPKPRT VFGGLSGPAT TQRPGLSPAL GGPGVSRSP E PPRPPPLPT SSSEQSSALN TVEMMPNSIY FGLDSRGRAQ AAQDKAPDSS QISAPTPALR PTTGTVHIMD PGCLYYGVQP VGTPGAPDRR ESRGVCQGRA EHRLSRQDLE AREDAGYASL ELPGDSTLLS PTLTEETSD DLISPYASFS FTADRLTPLL SGWLDKLSPQ GNYVFQRRFV QFNGRSLMYF GSDKDPFPGK VIPLTAIEMT RSSKDNKFQV ITGQRVFVFR TESEAQRDMW CSTLQSCLE QRLGHPRPP QPPRPLRTGM LELRGHKAKV FAALSPGELA LYKSEAFSL GIGICFIELQ GCSVRETKSR SFDLLTPHRC FSFTAESGGA RQSWAAALQE AVTETLSDYE VAEKIWSNRA NRQCADCSS RPDWAAVNLG VVICKQCAGQ HRALGSGISK VQSLKLDTSV WSNEIVQLFI VLGNDNRNRF WAGTLPPGEG LHPDATPGPR GEFISRKYRL GLFRKPHPQY PDHSQLLQAL CAAVARPNLL KNMTQLLCVE AFEGEEPWFP PAPDGSCPL

LPSDSPSPGVY NEVVVRATYS GFLYCSPVSN KAGSPPPRRG RDAPPRLWCV LGAALEMFAS
ENSPEPLSLI QPQDIVCLGV SPPPTDPGDR PFPSFELILA GGRIQHFGTD GADSLEAWTS
AVGKWFSPLS CHQLLGPGLL RLGRLWLRSP SHTAPAPGLW LSGFGLLRGD HLFLCSAPGP
GPPAPEDMVH LRRLQEISVV SAADTPDKKE HLVLVETGRT LYLQGEGRD FTAWNAAIGG
AAGGGGTGLQ EQQMSRGDIP IVDACISFV TQHGLRLEGV YRKGGARARS LRLLAEFRRD
ARSVKLRPGE HFVEDVDTL KRFFREDDP VTSARLLPRW REAAELPQKN QRLEKYKDV
GCLPRVNRRT LATLIGHLYR VQKCAALNQM CTRNLALLFA PSVFQTDGRG EHEVRVLQEL
IDGYISVFDI DSDQVAQIDL EVSLITWWD VQLSQAGDLI MEVYIEQQLP DNCVTLKVSP
TLTAEELTNQ VLEMRGTAAG MDLWVTFEIR EHGELEPLH PKEKVLEQAL QWCQLPEPCS
ASLLLKKVPL AQAGCLFTGI RRESPRVGLL RCREEPPRL GSRFQERFFL LRGRCLLLK
EKKSSKPERE WPLEGAKVYL GIRKKLPPT PWGFTLILEK MHLYLSCTDE DEMWDWTTSI
LKAQHDDQQP VVLRHSSSD LARQKFGTMP LLPIRGDDSG ATLLSANQTL RRLHNRRTLS
MFFPMKSSQG SVEEQEELEE PVYEEPVEE VGAPELIQD TSTSFSTTRE WTVKPNPLT
SQKSLDQFL SKSSTLGQEE RPPEPPPGPP SKSSPQARGS LEEQLQELS SLILRKGETT
AGLGSPSQPS SPQSPSTGL PTQTPGFPTQ PPCTSSPPSS QPLT **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),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 on ARF6, RAC1, RHOA and CDC42. Plays a role in the internalization of anthrax toxin. {ECO:0000269 PubMed:11804589, ECO:0000269 PubMed:15569923}.
Molecular Weight:	169.8 kDa
UniProt:	Q8WWN8

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