

Product datasheet for **TP321115M**

ARAP3 (NM_022481) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3 (ARAP3), 100 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >RC221115 representing NM_022481
Red=Cloning site Green=Tags(s)

MAAPQDLDIAVWLATVHLEQYADTFRRHGLATAGAARGLGHEELKQLGISATGHRKRILRLLQTGTEEGS
 LDPKSDSAMEPSPAPQAQPPKVPKPRTVFGGLSGPATTQRPGLSPALGGPGVSRSPESPSPPLPT
 SSSEQSSALNTVEMMPNSIYFGLDSRGRAQAAQDKAPDSSQISAPTPALRPTTGTVHIMDPGCLYGVQP
 VGTPGAPDRRESRGVCQGRAEHLSRQDLEAREDAGYASLELPGDSTLLSPTLETEETSDDLISPYASFS
 FTADRLTPLLSGWLDKLSPPQGNVYFQRRFVQFNGRSLMYFGSDKDPFPGKVIPLTAIEMTRSSKDNKFQV
 ITGQRVVFRTESAQRDMWCSTLQSCLEQRLLGHPRPQPPLRPTGMLELRGHKAKVFAALSPGELA
 LYKSEQAFSLGIGICFIELQGCSVRETKRSFDLLTPHRCFSFTAESGGARQSWAAALQEAVTETLSDYE
 VAEKIWSNRANRQCADCGSSRPDWAAVNLGVVICKQCAGQHRALGSGISKVQSLKLDTSVWSNEIVQLFI
 VLGNDRANRFWAGTLPPGEGHPDATPGPRGEFISRKYRLGLFRKPHPQYDPHSQLLQALCAAVARNLL
 KNMTQLLCVEAFEGEEPWFPPAPDGGSCPLLSPDPSPGVYNEVVVRATYSGFLYCSVSNKAGPSPRRRG
 RDAPPRLWCVLGAALMFASENSPEPLSIQPQDIVCLGVSPPTDPGDRFPFSFELILAGGRIQHFGTD
 GADSLAWTSAVGKWFSPLSCHQLLGPGLLRGLRSLRSPHTAPAPGLWLSGFGLLRGDHLFLCSAPGP
 GPPAPEDMVHLRRLQEISVSAADTPDKKEHLVLVETGRTLYLQGEGRDFTAWNAAIGGAAGGGGTGLQ
 EQQMSRGDIPDIIVDACISFVTQHGLRLEGVYRKGGARARSLRLAEFRRDARSVKLRPGEHFVEDVDTL
 KRFFRELDPPVTSARLLPRWREAAELPQKNQRLEKYKDVIGCLPRVNRRTLALIGHTLYRVQKCAALNQM
 CTRNLALLFAPSVFQTDGRGEHEVRVLQELIDGYISVFDIDSDQVAQIDLEVSLITTWKDVQLSQAGDLI
 MEVYIEQQLPDNCVTLKVSPTLTAEELTNQVLEMRGTAAGMDLWWTFEIREHGELEPLHPKEKVLEQAL
 QWCQLPEPCSASLLKKVPLAQAGCLFTGIRRESRVLGRCREPPRLLGSRFQERFFLLRGRCLLLLK
 EKKSSKPEREWPLEGAKVYLGIRKCLKPPTPWGFTLILEKMHLVLSCTDEDEMWDWTTLSILKAQHDDQQP
 VVLRRHSSSDLARQKFGTMPLLPPIRGDDSGATLLSANQTLRRLHNRRTLSMFFPMKSSQGSVEEQEELEE
 PVYEEPVYEEVGAFPELIQDTSTSFSTTREWTVKPNPLTSQKSLDQPFLSKSSTLGQEERPEPPPPGP
 SKSSPQARGSLEEQLLQELSSLILRKGETTAGLGSQSPSSPQSPSPTGLPTQTPGFPTQPPCTSSPPSS
 QPLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 169.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

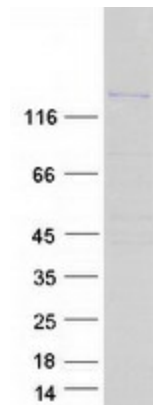
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_071926](#)
Locus ID: 64411
UniProt ID: [Q8WWN8](#), [Q05CH1](#), [Q9H7C1](#)
RefSeq Size: 5281
Cytogenetics: 5q31.3
RefSeq ORF: 4632
Synonyms: CENTD3; DRAG1

Summary: This gene encodes a phosphoinositide binding protein containing ARF-GAP, RHO-GAP, RAS-associating, and pleckstrin homology domains. The ARF-GAP and RHO-GAP domains cooperate in mediating rearrangements in the cell cytoskeleton and cell shape. It is a specific PtdIns(3,4,5)P3/PtdIns(3,4)P2-stimulated Arf6-GAP protein. An alternatively spliced transcript has been found for this gene, but its biological validity has not been determined. [provided by RefSeq, Sep 2015]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified ARAP3 protein (Cat# [TP321115]). The protein was produced from HEK293T cells transfected with ARAP3 cDNA clone (Cat# [RC221115]) using MegaTran 2.0 (Cat# [TT210002]).