

Product datasheet for **TP321115L**

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), 1 mg
Species:	Human
Expression Host:	HEK293T



[View online »](#)

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

MAAPQDLDIWVWLVHLEQYADTFRRHGLATAGAARGLGHEELKQLGISATGHRKRILRLQTGTEEGS
 LDPKSDSAMEPSPSPAPQAQPPKVPKPRTVFGLSGPATTQRPGLSPALGGPGVSRSPSPRPPPLPT
 SSSEQSSALNTVEMMPNSIYFGLDSRGRAQAAQDKAPDSSQISAPTPALRPTTGTVMHMDPGCLYYGVQP
 VGTPGAPDRRESRGVCQGRAEHRLSRQDLEAREDAGYASLELPGDSTLLSPTLETEETSDDLISPYASF
 FTADRLTPLLSGWLDKLSPPQGNVYFQRRFVQFNGRSLMYFGSDKDPFKGVIPLTAIEMTRSSKDNKFQV
 ITGQRVFVFRTESEAQRDMWCSTLQSCLEQRLGHPRPPQPPRPLRTGMLELRGHKAKVFAALSPGELA
 LYKSEQAFSLGIGICFIELQGCSVRETKSRFDLLTPHRCFSFTAESGGARQSWAAALQEAVTETLSDE
 VAEKIWSNRANRQCADCSSRPDWAAVNLGVVICKQCAGQHRALGSGISKVQSLKLDTSVWSNEIVQLFI
 VLGNDRANRFWAGTLPPEGELHPDATPGPRGEFISRKYRLGLFRKPHPQYPDHSQLLQALCAAVARNL
 L
 KNMTQLLCVEAFEGEEPWFPPAPDGSCPGLLPSDPSPGVYNEVVRATYSGLYCSVSNKAGSPSPRRG
 RDAPPRLWCVLGAALEMFASENSPEPLSIQPDIVCLGVSPPTDGPDRFPFSFELILAGGRIQHFGTD
 GADSLEAWTSAVGKWFSPLSCHQLLGPGLRLGLRLWLRSPSHTAPAPGLWLSGFGLLRGDHLFLCSAPG
 P
 GPPAPEDMVHLRRLQEISVSAADTPDKKEHLVLVETGRTLVLQGEGRDFTAWNAAIGGAAGGGGTGLQ
 EQQMSRGDIPIVDACISFVTQHGLRLEGVYRKGGARARSLRLAEFRRDARSVKLRPGEHFVEDVDTL
 KRFFRELDPPVTSARLLPRWREAAELPQKNQRLEKYKDVIGCLPRVNRRTLATLIGHLYRVQKCAALNQM
 CTRNLALLFAPSVFQTDGRGEHEVRVLQELIDGYISVFDIDSDQVAQIDLEVSLITWQVQLSQAGDLI
 MEVYIEQQLPDNCVTLKVSPTLTAEELTNQVLEMRGTAAGMDLWVTFEIREHGELERPLHPKEKVLEQAL
 QWCQLPEPCSASLLKKVPLAQAGCLFTGIRRESRPVGLLRCREEPRLGSRFQERFFLLRGRCLLLK
 EKKSSKPEREWPLEGAKVYLGIKKLKPPTPWGFTLILEKMHLYLSCTDEDEMWDWTTSLKAQHDDQQP
 VVLRHSSDLARQKFGTMTPLLRIGDDSGATLLSANQTLRRLHNRRLTSMFFPMKSSQGSVEEQEELEE
 PVYEEPVYEEVGAFPELIQDTSTSFSTTREWTVKPNPLTSQKSLDQPFSLKSSTLGQEERPPPEPPGPP
 SKSSPQARGSLEEQLLQELSSLILRKGETTAGLGSPSPSPSPSPTGLPTQTPGFPTQPPCTSSPPSS
 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

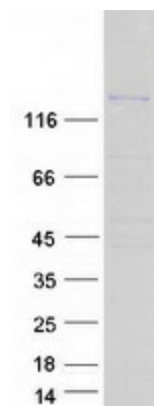
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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:	<u>NP_071926</u>
Locus ID:	64411
UniProt ID:	<u>Q8WWN8</u>
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]).