

Product datasheet for PH321115

ARAP3 (NM_022481) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARAP3 MS Standard C13 and N15-labeled recombinant protein (NP_071926)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221115
Predicted MW:	169.7 kDa
Protein Sequence:	>RC221115 representing NM_022481 Red=Cloning site Green=Tags(s)

MAAPQDLDIADVWLATVHLEQYADTFRRHGLATAGAARGLGHEELKQLGISATGHRKRILRLLQTGTEEGS
LDPKSDSAMESPPSPAPQAQPPKVPKPRTVFVGGLSGPATTQRPGLSPALGGPGVSRSPPEPPPLPT
SSSEQSSALNTVEMMPNSIYFGLDSRGRAQAAQDKAPDSSQISAPTPALRPTTGTVHIMDPGCLYYGVQP
VGTGAPDRRESRGVCQGRAEHLRSLRQDLEAREDAQYASLELPGDSTLLSPTLEETEESDDLISPYASF
FTADRLTPLLSGWLDKLSPOGNYVQRRFVQFNGRSLMYFGSDKDPFPGKVIPLTAIEMTRSSKDNKFQV
ITGQRFVFRTESEAQRDMWCSTLQSCLEQRLLGHPRPQPPLRRTGMLERLGHKAKVFAALSPGELA
LYKSEQAFSLGIGICFIELQGCVRETKSRSFDLLTPHRCFSFTAESGGARQSWAAALQEAVTETLSDYE
VAEKIWSNRANRQCADCSSRPDWAAVNLGVVICKQCAGQHRALGSGISKVQSLKLDTSVWSNEIVQLFI
VLGNDRANRFWAGTLPPGEGHPDATPGPRGEFISRKYRLGLFRKPHPQYPDHSQLLQALCAAVARPNLL
KNMTQLLCVEAFEGEEPWFPPAPDGSCPLLPSDPSPGVYNEVVVRATYSGFLYCSVSNKAGPSPRRG
RDAPPRLWCVLGAALMFASENSPEPLSLIQPDIVCLGVSPPTDPGDRFPFSFELILAGGRIQHFQTD
GADSLEAWTSAVGKWFSPLSCHQLLGPGLLRRLRGLWLRSPSHTAPAPGLWLSGFLLRGDHLFLCSAPGP
GPPAPEDMVHLRRLQEISVVSAADTPDKKEHLVLVETGRTLVLQGEGRDLFTAWNAIIGGAAGGGTGLQ
EQQMSRGDIPIIIVDACISFVTQHGLRLEGVYRKGARARSLRLLAEFRDARSVKLRPGEHFVEDVDTL
KRFFRELDLDPVTSARLLPRWREAAELPQKNQRLEKYKDVIGCLPRVNRRLATLIGHLRYRQKCAALNQM
CTRNLALLFAPSVFQTDGRGEHEVRVLQELIDGYISVFDIDSDQVAQIDLEVSLITTWKDVQLSQAGDLI
MEVYIEQQLPDNCVTLKVSPTLTAEELTNQVLEMRGTAAGMDLWVTFEIREHGELERPLHPKEKVLQAL
QWCQLPEPCASLKKVPLAQAGCLFTGIRRESRVLRLRREEPPRLLGSRFQERFLLRGRCLLLK
EKKSSKPEREWPLEGAKVYLGIKRLKPPTPWGFLEKMHLYLSCTDEDEMWDWTTSLKAQHDDQQP
VVLRRHSSDLARQKFGTMPLPIRGDDSGATLLSANQTLRRLHNRRLSMFFPMKSSQGSVEEQELEE
PVYEEPVYEEVGAFFELIQDTSSTSTREWTVKPNPLTSQKSLDQPFLLSKSSTLGQEEPPPPPPGPP
SKSSPQARGSLLEQLLQELSSLILRKGETTAGLGSPPSPQSPSPTGLPTQTPGFPTQPPCTSSPPSS
QPLT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

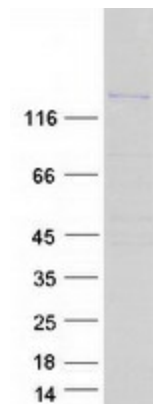
Tag: C-Myc/DDK



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_071926
RefSeq Size:	5281
RefSeq ORF:	4632
Synonyms:	CENTD3; DRAG1
Locus ID:	64411
UniProt ID:	Q8WWN8 , Q05CH1 , Q9H7C1
Cytogenetics:	5q31.3
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)P ₃ /PtdIns(3,4)P ₂ -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]).