

## Product datasheet for PH301966

### ARHGAP1 (NM\_004308) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ARHGAP1 MS Standard C13 and N15-labeled recombinant protein (NP_004299)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201966
Predicted MW:	50.4 kDa
Protein Sequence:	>RC201966 protein sequence Red=Cloning site Green=Tags(s)

MDPLSELQDDLTLDDTSEALNQLKLASIDEKNWPSDEMPDFPKSDDSKSSPELVTHLKWDDPYDIARH  
QIVEVAGDDKYGRKIIIVFSACRMPPSHQLDHSKLLGYLKHTLDQYVESDYTLTYLHHGLTSDNKPSLSWL  
RDAYREFDRKYKKNIKALYIVHPTMFIKTLILFKPLISFKFGQKIFYVNYLSELSEHVKLEQLGIPRQV  
LKYDDFLKSTQKSPATAPKMPPRPPLPNQQFGVSLQHLQEKNEQEPIPIVLRVAVYLQAHALTTTEGI  
FRRSANTQVVREVQQKYNMGLPVDFDQYNELHLPVILKTFRLRELPEPLTFDLYPHVVGFLNIDESQRV  
PATLQVLQTLPEENYQVLRFLTAFLVQISAHSDQNKMTNTNLAVVFGPNLLWAKDAAITLKAINPINTFT  
KFLLDHQGELFSPDPSGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u>NP_004299</u>
RefSeq Size:	3460
RefSeq ORF:	1317
Synonyms:	CDC42GAP; p50rhoGAP; RHOGAP; RHOGAP1



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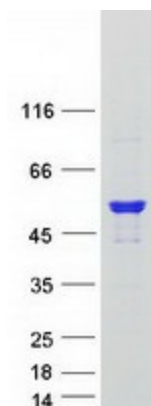
Locus ID: 392

UniProt ID: [Q07960](#)

Cytogenetics: 11p11.2

**Summary:** This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein contains a SRC homology 3 domain and interacts with Bcl-2-associated protein family members. [provided by RefSeq, Aug 2012]

### Product images:



Coomassie blue staining of purified ARHGAP1 protein (Cat# [TP301966]). The protein was produced from HEK293T cells transfected with ARHGAP1 cDNA clone (Cat# [RC201966]) using MegaTran 2.0 (Cat# [TT210002]).