

## Product datasheet for PH312435

### ARHGAP6 (NM\_013423) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ARHGAP6 MS Standard C13 and N15-labeled recombinant protein (NP_038267)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212435
Predicted MW:	84.7 kDa
Protein Sequence:	>RC212435 representing NM_013423 Red=Cloning site Green=Tags(s)

MSGRSVRLRSVPIQSLSELERARLQEVAFYQLQQDCDLSCQITIPKDGQKRKSLRKKLDSLGEKNKDK  
EFIPQAFGMPLSQVIANDRAYKLIKQDLQRDEQKDASDFVASLLPFGNKRQNKELSSSNSSLSTSETPNE  
STSPNTPPEPAPRARRRGAMSVDSITDLDDNQSRLLLEALQLSLPAEAQSKKEKARDKLSLNPYRQVPR  
VDSQCQHLEKHGLQTVGIFRVGSSKKRVRQLREEFDGIDVSLSEEHVHDVAALLKEFLRDMPPDLLTR  
ELYTAFINTLLLEPEEQGLTQLLIYLLPPCNCIDLHRLQLFLSIVARHADDNISKDQEVGNTKMTSLN  
LATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIIVVQKMIENYEALFMVPPDLQNEVLISLLETDPDV  
VDYLLRRKASQSSPDMLQSEVSFVSGGRHSSTDSNKASSGDISPYDNNSPVLSERSLLAMQEDAAPGGS  
EKLYRVPQGQFMLVGHLSKSSKRESSPGPRLGKDLSEEPFDIWTGWHSTLKSIGSKDPGMTGSSGDI FESS  
LRAGPCSLSQGNLSPNWRWQGSPEALDSDTQGARRTQAAAPATEGRAHPAVSRACSTPHVQVAGKAERP  
TARSEQYLTLGAHDLSESELDVAGLQSRATPQCQRPHGSGRDDKRPPPPYPGPGKAAAAAWIQGPPEG  
VETPTDQGGQAAEREQQVTQKKLSSANSLPAGEQDSPRLGDAGWLDWQRERWQIWELLSTDNPDALPETL  
V

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	<a href="#">NP_038267</a>

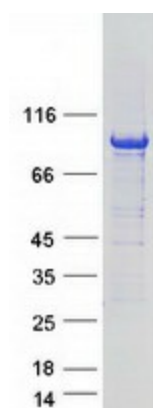


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RefSeq Size:	3961
RefSeq ORF:	2313
Synonyms:	RHOGAP6; RHOGAPX-1
Locus ID:	395
UniProt ID:	<a href="#">O43182</a>
Cytogenetics:	Xp22.2

**Summary:** This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified ARHGAP6 protein (Cat# [TP312435]). The protein was produced from HEK293T cells transfected with ARHGAP6 cDNA clone (Cat# [RC212435]) using MegaTran 2.0 (Cat# [TT210002]).