

## Product datasheet for PH317414

### ARHGAP25 (NM\_014882) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ARHGAP25 MS Standard C13 and N15-labeled recombinant protein (NP_055697)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217414
Predicted MW:	72.3 kDa
Protein Sequence:	>RC217414 representing NM_014882 Red=Cloning site Green=Tags(s)

MSLGQSACLFLSIARSRVMTGEQMAAFHPSSTPNPLERPIKMGWLKKQRSIVKNWQQRVFLRAQQLYY  
YKDEEDTKPQGCMYLPGCTIKEIATNPEEAGKFVFEIIPASWDQNRMGQDSYVLMASQAEMEEVWKFLR  
RVAGTPCGAVFGQRLDETVAYEQKFGPHLVPILVEKCAEFIEHGRNEEGIFRLPGQDNLVKQLRDAFDA  
GERPSFDRDTHVTVASLLKLYLRDLPEPVVPSQYEGFLLCGQLTNADEAKAQQELMKQLSILPRDNYS  
LLSYICRFLHEIQLNCAVNKMSVDNLATVIGVNLIRSKVEDPAVIMRGTPQIQRVMTMMIRDHEVLFPKS  
KDIPLSPPAQKNDPKKAPVARSSVGWDATEDLIRSRDTSFSSMTSDSDTTSPGQQPSDAFPESSKVPR  
EKP GDWKMQRKRTQTLPNRKCFLTSAFQGANSSKMEIFKNEFWSPSSEAKAGEGHRRTMSQDLRQLSDS  
QRTSTYDNVPSLPGSPGEEASALSSQACDSKGDTLASPNSETGPGKKNSEEEIDSLQRTVQELRKEIET  
QKQMYEEQIKNLEKENYDVAKVVRLNEELEKEKKSAALEISLRNMERSREDVEKRNKALEEEVKEFVK  
SMKEPKTEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

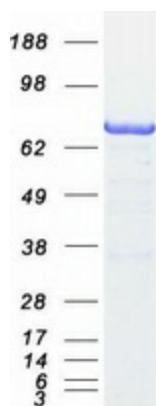
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_055697</a>
RefSeq Size:	2957



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RefSeq ORF:	1917
Synonyms:	HEL-S-308; KAIA0053
Locus ID:	9938
UniProt ID:	<a href="#">P42331</a> , <a href="#">V9HWC8</a>
Cytogenetics:	2p13.3
Summary:	ARHGAPs, such as ARHGAP25, encode negative regulators of Rho GTPases (see ARHA; MIM 165390), which are implicated in actin remodeling, cell polarity, and cell migration (Katoh and Katoh, 2004 [PubMed 15254788]).[supplied by OMIM, Mar 2008]

### Product images:



Coomassie blue staining of purified ARHGAP25 protein (Cat# [TP317414]). The protein was produced from HEK293T cells transfected with ARHGAP25 cDNA clone (Cat# [RC217414]) using MegaTran 2.0 (Cat# [TT210002]).