

Recombinant Human ARHGAP25 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARHGAP25-945H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGAP25 MS Standard C13 and N15-labeled recombinant protein (NP_055697) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ARHGAPs, such as ARHGAP25, encode negative regulators of Rho GTPases, which are implicated in actin remodeling, cell polarity, and cell migration.
Molecular Mass	72.3 kDa
AA Sequence	MSLGQSACLFLSIARSRVMTGEQMAAFHPSSTPNPLERPIKMGWLKKQRSIVKNW QQRYFVLRAQQLYYYKDEEDTKPQGCMYLPGCTIKEIATNP EEAGKFVFEIIPASWD QNRMGQDSYVLMASSQAEMEEWVKFLRRVAGTPCGAVFGQRLDETVAYEQKFGP HLPILVEKCAEFIEHGRNEEGIFRLPGQDNLVKQLRDAFDAGERPSFDRD TDVHT VASLLKLYLRDLPEPVVPWSQYEGFLLCGQLTNADEAKAQQELMKQLSILPRDNYSL LSYICRFLHEIQLNCAVNKMSVDNLATVIGVNLIRSKVEDPAVIMRGTPQIQRVMTMMI RDHEVLFPKSKDIPLSPPAQKNDPKKAPVARSSVGWDATEDLRISRTDSFSSMTSDS DTTSTGQQPSDAFPEDSSKVPREKPGDWKMQRKRTQTLPNRKCFLTSAFQGAN SSKMEIFKNEFWSPSSEAKAGEGHRRTMSQDLRQLSDSQRTSTYDNVPSLPGSPG EEASALSSQACDSKGD TLASPNS ETGPGKKNSGEEEIDSLQRTVQELRKEIETQKQ MYEEQIKNLEKENYDVWAKVVRLNEELEKEKKKSAALEISLRNMERSREDVEKRNK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ALEEEVKEFVKSMKEPKTEATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ARHGAP25 Rho GTPase activating protein 25 [Homo sapiens (human)]
Official Symbol	ARHGAP25
Synonyms	ARHGAP25; Rho GTPase activating protein 25; rho GTPase-activating protein 25; KIAA0053; rho-type GTPase-activating protein 25; KAIA0053;
Gene ID	9938
mRNA Refseq	NM_014882
Protein Refseq	NP_055697
MIM	610587
UniProt ID	P42331

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SDS-PAGE



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