

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

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ARHGAP25 MS Standard C13 and N15-labeled recombinant protein (NP_055697) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | ARHGAPs, such as ARHGAP25, encode negative regulators of Rho GTPases, which are implicated in actin remodeling, cell polarity, and cell migration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 72.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MSLGQSACLFLSIARSRVMTGEQMAAFHPSSTPNPLERPIKMGWLKKQRSIVKNW<br>QQR YFVLRAQQLYYYKDEEDTKPQGCMYLPGCTIKEIATNP EEAGKFVFEIIPASWD<br>QNRMGQDSYVLMASSQAEMEEWVKFLRRVAGTPCGAVFGQRLDETVA YEQKFGP<br>HLVPILVEKCAEFILHGRNEEGIFRLPGQDNLVKQLRDAFDAGERPSFDRD TDVHT<br>VASLLKLYLRDLPEPVVPWSQYEGFLLCGQLTNADEAKAQQELMKQLSILPRD NYSL<br>LSYICRFLHEIQLNCAVNKMSVDNLATVIGVNLIRSKVEDPAVIMRGTPQIQRVMTMMI<br>RDHEVLFPKSKDIPLSPPAQKNDPKKAPVARSSVGWDATEDLRISRTDSFSSMTSDS<br>DTTSPTGQQPSDAFPEDSSKVPREKPGDWKMQRKRTQTLPNRKCF LTSAFQGAN<br>SSKMEIFKNEFWSPSSEAKAGEGHRRTMSQDLRQLSDSQRTSTYDNVPSLPGSPG<br>EEASALSSQACDSKGD TLASPNS ETGPGKKNSGEE EIDSLQRTVQELRKEIETQKQ<br>MYEEQIKNLEKENYDVWAKVVRLNEELEKEKKKSAALEISLRNMERSREDVEKRNK |

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ALEEEVKEFVKSMKEPKTEATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

## GENE INFORMATION

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

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**SDS-PAGE**

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