

#### Product datasheet for TP317414

### OriGene Technologies, Inc.

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## ARHGAP25 (NM\_014882) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human Rho GTPase activating protein 25 (ARHGAP25), transcript

variant 2, 20 µg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC217414 representing NM\_014882

or AA Sequence: Red=Cloning site Green=Tags(s)

MSLGQSACLFLSIARSRSVMTGEQMAAFHPSSTPNPLERPIKMGWLKKQRSIVKNWQQRYFVLRAQQLY

Υ

YKDEEDTKPQGCMYLPGCTIKEIATNPEEAGKFVFEIIPASWDQNRMGQDSYVLMASSQAEMEEWVKFLR RVAGTPCGAVFGQRLDETVAYEQKFGPHLVPILVEKCAEFILEHGRNEEGIFRLPGQDNLVKQLRDAFDA GERPSFDRDTDVHTVASLLKLYLRDLPEPVVPWSQYEGFLLCGQLTNADEAKAQQELMKQLSILPRDNYS LLSYICRFLHEIQLNCAVNKMSVDNLATVIGVNLIRSKVEDPAVIMRGTPQIQRVMTMMIRDHEVLFPKS KDIPLSPPAQKNDPKKAPVARSSVGWDATEDLRISRTDSFSSMTSDSDTTSPTGQQPSDAFPEDSSKVPR EKPGDWKMQSRKRTQTLPNRKCFLTSAFQGANSSKMEIFKNEFWSPSSEAKAGEGHRRTMSQDLRQLS

DS

QRTSTYDNVPSLPGSPGEEASALSSQACDSKGDTLASPNSETGPGKKNSGEEEIDSLQRTVQELRKEIET QKQMYEEQIKNLEKENYDVWAKVVRLNEELEKEKKKSAALEISLRNMERSREDVEKRNKALEEEVKEFVK

 ${\sf SMKEPKTEA}$ 

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 72.3 kDa

**Concentration:** >0.05 μg/μL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.





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**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 055697

 Locus ID:
 9938

 UniProt ID:
 P42331

 RefSeq Size:
 2957

 Cytogenetics:
 2p13.3

 RefSeq ORF:
 1917

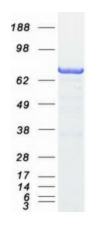
Synonyms: HEL-S-308; KAIA0053

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]).