

Recombinant Full Length Human ARHGAP1 Protein, C-Flag-tagged

Cat. No. ARHGAP1-2058HFL **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Full Length Human ARHGAP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells. |
| Species | Human |
| Source | Mammalian Cells |
| Description | This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein contains a SRC homology 3 domain and interacts with Bcl-2-associated protein family members. |
| Form | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 50.3 kDa |
| AA Sequence | <p>MDPLSELQDDLTLDDTSEALNQLKLASIDEKNWPSDEMPDFPKSDDSKSSSPELVT HLKWDDPYDIARH QIVEVAGDDKYGRKIIVFSACRMPPSHQLDHSKLLGYLKHTLD QYVESDYTLlyLHHGLTSDNKPSLSWL RDAYREFDRKYKKNIKALYIVHPTMFIKTL ILFKPLISFKFGQKIFYVNYLSEHVKLEQLGIPRQV LKYDDFLKSTQKSPATAPKP MPPRPPLPNQQFGVSLQHLQEKNPEQEPIPIVLRETVAYLQAHALTTEGI FRRSANT QVVREVQQKYNMGLPVDFDQYNELHLPVILKTFLRELPEPLLTFDLYPHVVGFLNID ESQRV PATLQVLQTLPEENYQVLRFLTAFLVQISAHSDQNKMTNTNLAVVFGPNLL WAKDAAITLKAINPINTFT KFLLDHQGELFPSPDPSGL TRTRPLEQKLISEEDLAANDI</p> |

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|----------------------|---|
| | LDYKDDDDKV |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining. |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade. |
| Concentration | >50 ug/mL as determined by microplate BCA method. |
| Preparation | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Full Length | Full L. |

GENE INFORMATION

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|------------------------|--|
| Gene Name | ARHGAP1 Rho GTPase activating protein 1 [Homo sapiens (human)] |
| Official Symbol | ARHGAP1 |
| Synonyms | RHOGAP; RHOGAP1; CDC42GAP; p50rhoGAP |
| Gene ID | 392 |
| mRNA Refseq | NM_004308.5 |
| Protein Refseq | NP_004299.1 |
| MIM | 602732 |

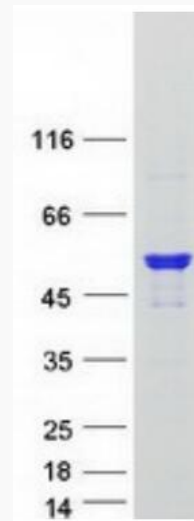
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UniProt ID

Q07960



Coomassie blue staining of purified ARHGAP1 protein.

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