Recombinant Human ARHGAP1, GST-tagged

Cat. No. ARHGAP1-9812H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	ARHGAP1 Rho GTPase activating protein 1 [Homo sapiens]
Official Symbol	ARHGAP1

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Synonyms	ARHGAP1; Rho GTPase activating protein 1; rho GTPase-activating protein 1; Cdc42GAP; CDC42GAP; p50rhoGAP; RhoGAP; p50-RhoGAP; CDC42 GTPase-activating protein; GTPase-activating protein rhoOGAP; rho-type GTPase-activating protein 1; rho-related small GTPase protein activator; RHOGAP; RHOGAP1;
Gene ID	392
mRNA Refseq	NM_004308
Protein Refseq	NP_004299
MIM	602732
UniProt ID	Q07960
Chromosome Location	11p11.2
Pathway	Regulation of CDC42 activity, organism-specific biosystem; Regulation of RAC1 activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	GTPase activator activity; Rac GTPase activator activity; Rho GTPase activator activity; SH3 domain binding; SH3/SH2 adaptor activity; protein binding;

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