

## Recombinant Human ARHGAP25, GST-tagged

Cat. No. ARHGAP25-9821H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human ARHGAP25 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-347a.a.

**Description** 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]).

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** ARHGAP25 Rho GTPase activating protein 25 [ Homo sapiens ]

**Official Symbol** ARHGAP25

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<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>	<a href="#">9938</a>
<b>mRNA Refseq</b>	<a href="#">NM_001007231</a>
<b>Protein Refseq</b>	<a href="#">NP_001007232</a>
<b>MIM</b>	<a href="#">610587</a>
<b>UniProt ID</b>	<a href="#">P42331</a>
<b>Chromosome Location</b>	2p13.3
<b>Pathway</b>	Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
<b>Function</b>	GTPase activator activity;

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