

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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Synonyms	ARHGAP25; Rho GTPase activating protein 25; rho GTPase-activating protein 25; KIAA0053; rho-type GTPase-activating protein 25; KAIA0053;
Gene ID	9938
mRNA Refseq	NM_001007231
Protein Refseq	NP_001007232
MIM	610587
UniProt ID	P42331
Chromosome Location	2p13.3
Pathway	Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	GTPase activator activity;

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