

Recombinant Human ARHGAP8 Protein, His-tagged

Cat. No. ARHGAP8-2703H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP8 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the RHOGAP family. GAP (GTPase-activating) family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. GAP proteins alternate between an active (GTP-bound) and inactive (GDP-bound) state based on the GTP:GDP ratio in the cell. This family member is a multidomain protein that functions to promote Erk activation and cell motility. Alternative splicing results in multiple transcript variants. Read-through transcripts from the upstream proline rich 5, renal (PRR5) gene into this gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene.
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	53.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	ARHGAP8 Rho GTPase activating protein 8 [Homo sapiens]
Official Symbol	ARHGAP8
Synonyms	BPGAP1; PP610
Gene ID	23779
mRNA Refseq	NM_001017526.1
Protein Refseq	NP_001017526

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