

Recombinant Human ARHGAP22 Protein, His-tagged

Cat. No. ARHGAP22-2578H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP22 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 GTPase activating protein family which activates a GTPase belonging to the RAS superfamily of small GTP-binding proteins. The encoded protein is insulin-responsive, is dependent on the kinase Akt and requires the Akt-dependent 14-3-3 binding protein which binds sequentially to two serine residues. The result of these interactions is regulation of cell motility. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	76.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ARHGAP22 Rho GTPase activating protein 22 [Homo sapiens]
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Official Symbol	ARHGAP22
Synonyms	RhoGAP2; RhoGap22
Gene ID	58504
mRNA Refseq	NM_001256024
Protein Refseq	NP_001242953
MIM	610585
UniProt ID	Q7Z5H3

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