

Recombinant Human ARHGAP4 protein, GST-tagged

Cat. No. ARHGAP4-770H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP4 partial ORF (AAH52303, 881 a.a. - 986 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]
Molecular Mass	37.29 kDa
AA Sequence	TSPEAMGPSGHRRLVSPASPEQHVEVDKAVAQNMDSVFKELLGKTSVRQGLGPA STTSPSPGPRSPKAPPSSRLGRNKGFSRGPAPSPSASHPQGLDTPKPH
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ARHGAP4 Rho GTPase activating protein 4 [Homo sapiens]

Official Symbol ARHGAP4

Synonyms ARHGAP4; Rho GTPase activating protein 4; rho GTPase-activating protein 4; C1; KIAA0131; p115; Rho GAP hematopoietic protein C1; RhoGAP4; SrGAP4; Rho-GAP hematopoietic protein C1; rho-type GTPase-activating protein 4; RGC1;

Gene ID 393

mRNA Refseq NM_001164741

Protein Refseq NP_001158213

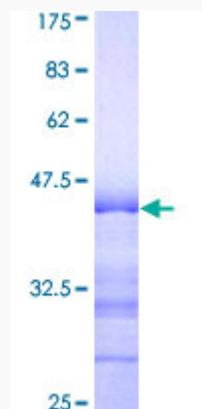
MIM 300023

UniProt ID P98171

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12.5% SDS-PAGE Stained with Coomassie Blue.

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