

Recombinant Full Length Human ARHGAP44 Protein, GST-tagged

Cat. No. ARHGAP44-1090HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP44 full-length ORF (ADR83264.1, 1 a.a. - 818 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	818 amino acids
Description	ARHGAP44 (Rho GTPase Activating Protein 44) is a Protein Coding gene. Among its related pathways are Signaling by GPCR and p75 NTR receptor-mediated signalling. GO annotations related to this gene include GTPase activator activity and phospholipid binding. An important paralog of this gene is ARHGAP17.
Molecular Mass	90 kDa
AA Sequence	MKKQFNMRMQ LANQTVGRAE KTEVLSEDLL QVEKRLELVK QVSHSTHKKL TACLQGQQGA EADKRSKKLP LTTLAQCLME GSAILGDDTL LGKMLKLCGE TEDKLAQELI HFELQVERDV IEPLFLLAEV EIPNIQKQRK HLAKLVLDM SSRTRWQQTSS KSSGLSSSLQ PAGAKADALR EEMEEAANRV EICRDQLSAD MYSFVAKEID YANYFQTLIE VQAEYHRKSL TLLQAVLPQI KAQQEAWVEK PSFGKPLEEH LTISGREIAF PIEACVTMLL ECGMQEEGLF RVAPSASKLK KLKAALDCCV VDVQEYSADP HAIAGALKSY LRELPEPLMT FELYDEWIQA SNVQEQDKKL QALWNACEKL PKANHNNIRY LIKFLSKLSE YQDVNKMTPS

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NMAIVLGPNL LWPQAEGNIT EMMTTVSLQI VGIIEPIIQH ADWFFPGEIE
 FNITGNYGSP VHVNHANANYS SMPSPDMDPA DRRQPEQARR PLSVATDNMM
 LEFYKKDGLR KIQSMGVRVM DTNWWARRGS SAGRKVSCAP PSMQPPAPPA
 ELAAPLPSP PLQPLDSPAA PALSPSGLGL QPGPERTSTT KSKELSPGSA
 QKGSPGSSQG TACAGTQPGA QPGAQPGASP SPSQPPADQS PHTLRKVSCK
 LAIPPKVPF GQPGAMADQS AGQPSPVSL PTPPSTPSY GLSYPQGYSL
 ASGQLSPAAA PPLASPSVFT STLSKSRPTP KPRQRPTLPP PQPPTVNLSA
 SSPQSTEAPM LDGMSPGESM STDLVHFDIP SIHIELGSTL RLSPLEHMRR
 HSVTDKRDSE EESESTAL

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

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

ARHGAP44 Rho GTPase activating protein 44 [Homo sapiens]

Official Symbol

ARHGAP44

Synonyms

ARHGAP44; Rho GTPase activating protein 44; rho GTPase-activating protein 44;
 KIAA0672; RICH 2; RICH2; RICH-2; rho GTPase-activating protein RICH2; Rho-type
 GTPase-activating protein RICH2; RhoGAP interacting with CIP4 homologs protein 2;
 NPC-A-10

Gene ID

9912

mRNA Refseq

NM_014859

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Protein Refseq	NP_055674
MIM	617716
UniProt ID	Q17R89

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