Recombinant Human ARHGAP44 protein, GST-tagged

Cat. No. ARHGAP44-771H **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	Wheat Germ
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	MKKQFNRMRQLANQTVGRAEKTEVLSEDLLQVEKRLELVKQVSHSTHKKLTACLQG QQGAEADKRSKKLPLTTLAQCLMEGSAILGDDTLLGKMLKLCGETEDKLAQELIHFE LQVERDVIEPLFLLAEVEIPNIQKQRKHLAKLVLDMDSSRTRWQQTSKSSGLSSSLQ PAGAKADALREEMEEAANRVEICRDQLSADMYSFVAKEIDYANYFQTLIEVQAEYHR KSLTLLQAVLPQIKAQQEAWVEKPSFGKPLEEHLTISGREIAFPIEACVTMLLECGMQ EEGLFRVAPSASKLKKLKAALDCCVVDVQEYSADPHAIAGALKSYLRELPEPLMTFE LYDEWIQASNVQEQDKKLQALWNACEKLPKANHNNIRYLIKFLSKLSEYQDVNKMTP SNMAIVLGPNLLWPQAEGNITEMMTTVSLQIVGIIEPIIQHADWFFPGEIEFNITGNYG SPVHVNHNANYSSMPSPDMDPADRRQPEQARRPLSVATDNMMLEFYKKDGLRKIQ SMGVRVMDTNWVARRGSSAGRKVSCAPPSMQPPAPPAELAAPLPSPLPEQPLDSP

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	AAPALSPSGLGLQPGPERTSTTKSKELSPGSAQKGSPGSSQGTACAGTQPGAQPG AQPGASPSPSQPPADQSPHTLRKVSKKLAPIPPKVPFGQPGAMADQSAGQPSPVSL SPTPPSTPSPYGLSYPQGYSLASGQLSPAAAPPLASPSVFTSTLSKSRPTPKPRQRP TLPPPQPPTVNLSASSPQSTEAPMLDGMSPGESMSTDLVHFDIPSIHIELGSTLRLSP LEHMRRHSVTDKRDSEEESESTAL
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.
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
Protein Refseq	NP_055674

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UniProt ID	Q17R89

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