

Recombinant Full Length Human ARHGEF5 Protein, GST-tagged

Cat. No. ARHGEF5-1063HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF5 full-length ORF (AAH14555, 1 a.a. - 519 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	519 amino acids
Description	Rho GTPases play a fundamental role in numerous cellular processes initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein may be involved in the control of cytoskeletal organization. [provided by RefSeq, Jul 2008]
Molecular Mass	82.83 kDa
AA Sequence	MGGFSRRCSK LINSSQLLYQ EYSDVVLNKE IQSQQRLESL SETPGPSSPR QPRKALVSSE SYLQRLSMAS SGSLWQEIPV VRNSTVLLSM THEDQKLQEV KFELIVSEAS YLRSLNIAVD HFQLSTSLRA TLSNQEHWL FSRLQDVRDV SATFLSDLEE NFENNIFSFQ VCDVVLNHAP DFRRVYLPYV TNQTYQERTF QSLMNSNSNF REVLEKLESD PVCQRLSLKS FLILPFQRIT RLKLLLQNIL KRTQPGSSEE AEATKAHHAL EQLIRDCNNN VQSMRRTTEL IYLSQKIEFE CKIFPLISQS RWLVKSGELT ALEFSASPGL RRKLNTRPVH LHLFNDCLLL

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SRPREGSRFL VFDHAPFSSI RGEKCEMKLH GPHKNLFRLF LRQNTQGAQA
 EFLFRTETQS EKLRWISALA MPREELDLLE CYNPQVQCL RAYKPRENDE
 LALEKADVVM VTQQSSDGWL EGVRLSDGER GWFPVQQVEF ISNPEVRAQN
 LKEAHRVKTA KLQLVEQQA

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

ARHGEF5 Rho guanine nucleotide exchange factor 5 [Homo sapiens (human)]

Official Symbol

ARHGEF5

Synonyms

ARHGEF5; Rho guanine nucleotide exchange factor 5; P60; TIM; GEF5; TIM1; rho
 guanine nucleotide exchange factor 5; Rho guanine nucleotide exchange factor
 (GEF) 5; ephexin-3; guanine nucleotide regulatory protein TIM; oncogene TIM; p60
 TIM; transforming immortalized mammary oncogene

Gene ID

7984

mRNA Refseq

NM_005435

Protein Refseq

NP_005426

MIM

600888

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UniProt ID

Q12774

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