

Recombinant Human ARHGEF5 protein, GST-tagged

Cat. No. ARHGEF5-788H **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	Wheat Germ
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	MGGFSRRCSKLINSSQLLYQEYSDVVLNKEIQSQQRLESLSETPGPSSPRQPRKALV SSESYLQRLSMASGSLWQEIPVVRNSTVLLSMTHEDQKLQEVKFELIVSEASYLRS LNIADVHFQLSTSLRATLSNQEHWLFSRLQDVRDVSATFLSDLEENFENNIFSFQV CDVVLNHAPDFRRVYLPYVTNQTYQERTFQSLMNSNSNFREVLEKLESDPVCQRLS LKSFLILPFQRITRLKLLQNILKRTQPGSSEAEATKAHHALEQLIRDCNNNVQSMRR TEELIYLSQKIEFECKIFPLISQSRWLKSGELTALEFSASPLRRKLNTRPVHLHLFN DCLLLSRPREGSRFLVFDHAPFSSIRGEKCEMKLHGPHKNLFRFLRQNTQGAQAE FLFRTETQSEKLRWISALAMPREELDLLECYNPQVQCLRAYKPRENDELALEKADV VMVTQQSSDGWLEGVRLSDGERGWFPVQQVEFISNPEVRAQNLKEAHRVKTAKLQ

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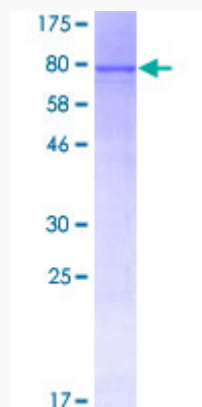
 45-1 Ramsey Road, Shirley, NY 11967, USA

	LVEQQA
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	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
UniProt ID	Q12774

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12.5% SDS-PAGE Stained with Coomassie Blue.

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