

Recombinant Human ARHGEF2 protein, GST-tagged

Cat. No. ARHGEF2-785H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF2 full-length ORF (AAH20567, 1 a.a. - 959 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 that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate rho-dependent signals. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Jun 2009]
Molecular Mass	131.12 kDa
AA Sequence	MKEAKDARYTNGHLFTTISVSGMTMCYACNKSITAKEALICPTCNVTIHNRCKDTLAN CTKVKQKQKQAALLKNNTALQSVSLRSKTTIRERPSSAIYPSDSFRQSLLGSRGRS SLSLAKSVSTTNIAGHFNDESPLGLRRILSQSTDSLNMNRNRTLSVESLIDEAEVIYSEL MSDFEMDEKDFAADSWSLAVDSSFLQHKKEVMKQQDVIYELIQTELHHVRTLKIMT RLFRTGMLEELHLEPGVVQGLFPCVDELSDIHTRFLSQLLERRRQALCPGSTRNFVI HRLGDLLISQFSGPSAEQMCKTYSEFCSRHSKALKLYKELYARDKRFQQFIRKVTRP AVLKRHGVQECILLVTQRITKYPLLISRILQSHGIEEERQDLTTALGLVKELLSNVDE GIYQLEKGARLQEIYNRMDPRAQTPVPGKGPFGREELLRRKLIHDGCLLWKTATGRF KDVLLVLLMTDVLVFLQEKDQKYIFPTLDKPSVVSLLQNLIVRDIANQEKGMFLISAAPPE

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MYEVHTASRDDRSTWIRVIQQSVRTCPSREDFPLIETEDAYLRRIKMELQQKDRAL
VELLREKVGLFAEMTHFQAEEDGGSGMALPTLPRGLFRSESLESPRGERLLQDAIR
EVEGLKDLLVGPVVELLLTPREPALPLEPDSGGNTSPGVTANGEARTFNGSIELCRA
DSDSSQRDRNGNQLRSPQEEALQRLVNLVYGLLHGLQAAVAQQDTLMEARFPEGPE
RREKLCRANSRDGEAGRAGAAPVAPEKQATELALLQRQHALLQEELRRCRRLGEE
RATEAGSLEARLRESEQARALLEREAEARRQLAALGQTEPLPAEAPWARRPVDP
RRSLPAGDALYLSFNPPQPSRGTDRLDLPVTTRS VHRNFEDRERQELGSPEERLQD
SSDPDTGSEEEGSSRLSPPHSPRDFTRMQDIPEETESRDGEAVASES

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

ARHGEF2 Rho/Rac guanine nucleotide exchange factor (GEF) 2 [Homo sapiens]

Official Symbol

ARHGEF2

Synonyms

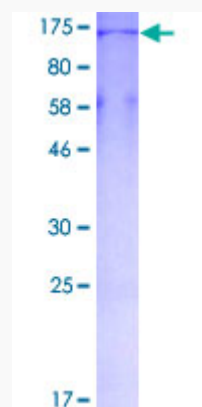
ARHGEF2; Rho/Rac guanine nucleotide exchange factor (GEF) 2; rho/rac guanine nucleotide exchange factor (GEF) 2; rho guanine nucleotide exchange factor 2; GEF H1; KIAA0651; LFP40; P40; microtubule-regulated Rho-GEF; guanine nucleotide exchange factor H1; proliferating cell nucleolar antigen p40; Rho/Rac guanine nucleotide exchange factor 2; GEF; GEFH1; GEF-H1; FLJ45440; DKFZp547L106; DKFZp547P1516;

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Gene ID	9181
mRNA Refseq	NM_001162383
Protein Refseq	NP_001155855
MIM	607560
UniProt ID	Q92974



12.5% SDS-PAGE Stained with Coomassie Blue.