

Recombinant Human ARHGEF2 Protein, N-GST-tagged

Cat. No. ARHGEF2-04H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGEF2 Protein, fused to GST-tag at N-terminus, was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
ProteinLength	590-690 aa
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.85 kDa
AA Sequence	MTHFQAEEDGGSGMALPTLPRGLFRSESLES PRGERLLQDAIREVEGLKDLLVGPG VELLLTPREPALPLEPDSSGNTSPGVTANGEARTFNGSIELCRAD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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.

GENE INFORMATION

Gene Name	ARHGEF2 Rho/Rac guanine nucleotide exchange factor 2 [Homo sapiens (human)]
Official Symbol	ARHGEF2
Synonyms	GEF; Lfc; P40; GEFH1; LFP40; GEF-H1; NEDMHM; Rho/Rac guanine nucleotide exchange factor 2; DKFZp547L106; DKFZp547P1516; KIAA0651; P40; ARHGEF2
Gene ID	9181
mRNA Refseq	NM_004723.4
Protein Refseq	NP_004714.2
MIM	607560
UniProt ID	Q92974

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