

Recombinant Human ARHGEF7 protein, GST-tagged

Cat. No. ARHGEF7-790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF7 partial ORF (NP_663788, 102 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that belongs to a family of cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It forms a complex with the small GTP binding protein Rac1 and recruits Rac1 to membrane ruffles and to focal adhesions. Multiple alternatively spliced transcript variants encoding different isoforms have been observed for this gene. [provided by RefSeq, Mar 2016]
Molecular Mass	35.53 kDa
AA Sequence	SSLVTLNKVTADIGLGSDSVCARPSSHRIKSFDSLGSQSLHTRTSKLFQGQYRSLDM TDNSNNQLVVRAKFNFQQTNEDELSFSKGDVI
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.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ARHGEF7 Rho guanine nucleotide exchange factor (GEF) 7 [Homo sapiens]

Official Symbol ARHGEF7

Synonyms ARHGEF7; Rho guanine nucleotide exchange factor (GEF) 7; rho guanine nucleotide exchange factor 7; BETA PIX; COOL1; DKFZp686C12170; DKFZp761K1021; guanine nucleotide exchange factor 7; KIAA0142; Nbla10314; P50; P50BP; P85; P85COOL1; P85SPR; PAK interacting exchange factor beta; PAK3; PIXB; rho; SH3 domain containing proline rich protein; PAK-interacting exchange factor beta; SH3 domain-containing proline-rich protein; COOL-1; BETA-PIX;

Gene ID 8874

mRNA Refseq NM_001113511

Protein Refseq NP_001106983

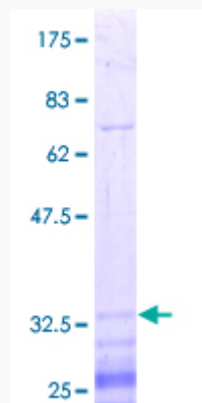
MIM 605477

UniProt ID Q14155

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12.5% SDS-PAGE Stained with Coomassie Blue.

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