Recombinant Human ARHGEF12 protein, GST-tagged

Cat. No. ARHGEF12-781H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF12 partial ORF (NP_056128, 817 a.a. - 916 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 working through G protein-coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein has been observed to form a myeloid/lymphoid fusion partner in acute myeloid leukemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]
Molecular Mass	36.74 kDa
AA Sequence	VSREGILSPSELRKIFSNLEDILQLHIGLNEQMKAVRKRNETSVIDQIGEDLLTWFSGP GEEKLKHAAATFCSNQPFALEMIKSRQKKDSRFQTFVQDAE
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	ARHGEF12 Rho guanine nucleotide exchange factor (GEF) 12 [Homo sapiens]
Official Symbol	ARHGEF12
Synonyms	ARHGEF12; Rho guanine nucleotide exchange factor (GEF) 12; rho guanine nucleotide exchange factor 12; KIAA0382; LARG; leukemia-associated RhoGEF; leukemia-associated rho guanine nucleotide exchange factor; PRO2792; DKFZp686O2372;
Gene ID	23365
mRNA Refseq	NM_001198665
Protein Refseq	NP_001185594
MIM	604763
UniProt ID	Q9NZN5

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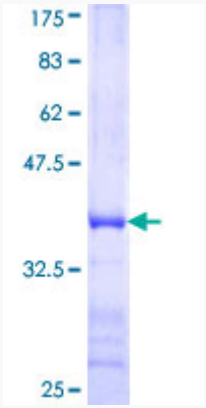

12.5% SDS-PAGE Stained with Coomassie Blue.

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