

Recombinant Human ARHGEF11 protein, GST-tagged

Cat. No. ARHGEF11-780H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF11 partial ORF (AAH57394, 651 a.a. - 750 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 a complex with G proteins and stimulate Rho-dependent signals. A similar protein in rat interacts with glutamate transporter EAAT4 and modulates its glutamate transport activity. Expression of the rat protein induces the reorganization of the actin cytoskeleton and its overexpression induces the formation of membrane ruffling and filopodia. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Molecular Mass	36.63 kDa
AA Sequence	RSESLKGREEMKRSRKAENVPRSRSDVMDAAAEATRLHQSASSSTSSLSTRSLE NPTPPFTPKMGRRSIESPSLGFCDTLLPHLLEDDLGLSDLEPE
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.

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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 [ARHGEF11 Rho guanine nucleotide exchange factor \(GEF\) 11 \[Homo sapiens \]](#)

Official Symbol [ARHGEF11](#)

Synonyms ARHGEF11; Rho guanine nucleotide exchange factor (GEF) 11; rho guanine nucleotide exchange factor 11; GTRAP48; KIAA0380; PDZ RHOGEF; Rho guanine exchange factor (GEF) 11; RhoGEF glutamate transport modulator; RhoA-specific guanine nucleotide exchange factor; glutamate transporter EAAT4-associated protein 48; PDZ-RHOGEF; DKFZp667F1223;

Gene ID [9826](#)

mRNA Refseq [NM_014784](#)

Protein Refseq [NP_055599](#)

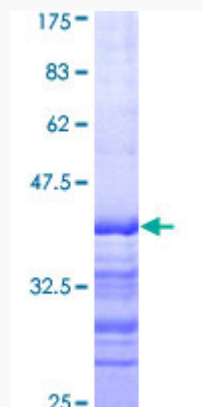
MIM [605708](#)

UniProt ID [O15085](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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