

Recombinant Human ARHGEF10 protein, GST-tagged

Cat. No. ARHGEF10-778H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF10 full-length ORF (AAH40474.1, 1 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a Rho guanine nucleotide exchange factor (GEF). Rho GEFs regulate the activity of small Rho GTPases by stimulating the exchange of guanine diphosphate (GDP) for guanine triphosphate (GTP) and may play a role in neural morphogenesis. Mutations in this gene are associated with slowed nerve conduction velocity (SNCV). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]
Molecular Mass	70.1 kDa
AA Sequence	MENPEEAIYDDVPRENSDSEPDEMIYDDVENGDEGGNSSLEYGWSSEFESYEEQ SDSECKNGIPRSFLRSNHKKQMQLVKAAKDGTKDGLERTRAAVKRGRSFIRTKSLI AQDHRSSLEEEQNLFIDVDCKHPEAILTPMPEGLSQQQVRRYILGSVVDSEKNYVD ALKRILEQYЕКPLSEMEPKVLSEKRLKTVFYRVKEILQCHSLFQIALASRVSEWDSVE MIGVVFVASFSKSMVLDAYSEYVNNFSTAVAVLKKTCATKPAFLEFLKQEQEASPD TTLYSLMMKPIQRFPQFILLQDMLKNTSKGHPDRLPLQMALTELETLAEKLNERNKRD ADQRCEVKQIAKAINERYLNKVERGFLQLYSKIIFALC
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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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.

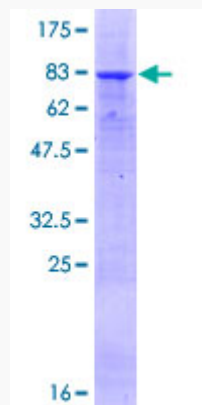
GENE INFORMATION

Gene Name	ARHGEF10 Rho guanine nucleotide exchange factor (GEF) 10 [Homo sapiens]
Official Symbol	ARHGEF10
Synonyms	ARHGEF10; Rho guanine nucleotide exchange factor (GEF) 10; rho guanine nucleotide exchange factor 10; Gef10; KIAA0294; GEF10; MGC131664; DKFZp686H0726;
Gene ID	9639
mRNA Refseq	NM_014629
Protein Refseq	NP_055444
MIM	608136
UniProt ID	O15013

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12.5% SDS-PAGE Stained with Coomassie Blue.

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