

Recombinant Full Length Human ARHGEF10 Protein, GST-tagged

Cat. No. ARHGEF10-1144HF **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	In Vitro Cell Free System
ProteinLength	380 amino acids
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	MENPEEAIYD DVPRENSDSE PDEMIYDDVE NGDEGGNSSL EYGWSSSEFE SYEEQSDSEC KNGIPRSFLR SNHKKQMQL VKAAKDGTKD GLERTRAAVK RGRSFIRTKS LIAQDHRSSL EEEQNLFIDV DCKHPEAILT PMPEGLSQQQ VVRRYILGSV VDSEKNYVDA LKRILEQYEK PLSEMEPKVL SERKLKTVFY RVKEILQCHS LFQIALASRV SEWDSVEMIG VVFVASFSKS MVLDAYSEYV NNFSTAVAVL KKTCAKPAF LEFLKQEQA SPDRRTLYSL MMKPIQRFQ

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FILLQDMLK NTSKGHPDRL PLQMALTELE TLAEKLNERK RDADQRCEVK
QIAKAINERY LNKVERGFLQ LYSKIIFALC

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

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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