

Recombinant Human ARHGEF19 protein, GST-tagged

Cat. No. ARHGEF19-784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF19 full-length ORF (NP_694945.2, 1 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Guanine nucleotide exchange factors (GEFs) such as ARHGEF19 accelerate the GTPase activity of Rho GTPases (see RHOA, MIM 165390).[supplied by OMIM, Dec 2008]
Molecular Mass	115.6 kDa
AA Sequence	MDCGPPATLQPHLTGPPGTAHHPVAVCQQESLSFAELPALKPPSPVCLDLFPVAPE ELRAPGSRWSLGTAPAPLQGLLWPLSPGGSDTEITSGGMRPSRAGSWPHCPGAQP PALEGPWSPRHTQPQRRASHGSEKKSARWKMRYQREEVPGCPEAHAVFLEPGQ VVQEQALSTEEPVELSGSTRVSLEGPERRRFSASELMTRLHSSLRLGRNSAARALI SGSGTGAAREGKASGMEARSVEMSGDRVSRPAPGDSREGDWSEPRLDTQEEPL GSRSTNERRQSRFLNSVLQYEYSDVASARELRRQQREEEGPGDEAEGAEAGPGP PRANLSPSSSFRAQRSARGSTFSLWQDIPDVRGSGVLATLSLRDCKLQEAKEFELITS EASYIHSLSAVGHFLGSAELSECLGAQDKQWLFSKLPEVKSTSERFLQDLEQRLEA DVLRFVCDVLDHCPAFRRVYLPYVTNQAYQERTYQRLLLENPRFPGILARLEESP VCQRLPLTSFLILPFQRITRLKMLVENILKRTAQGSEDEDMATKAFNALKELVQECNA SVQSMKRTEELIHLSSKIHFEKGIFPLISQARWLVRHGELVELAPLPAAPPAKLKLSK

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AVYLHLFNDCLLLSRRKELGKFAVVFHAKMAELQVRDLCLKLQGPVGHVFLQQLHG
QHMKHQFLLRARTSEKQRWISALCPSSPQEDKEVISEGEDCPQVQCVRTYKALHP
DELTLEKTDILSVRTWTSWLGWLEGVRLADGEKGVWPQAYVEEISSLSARLRNLREN
KRVTSATSKLGEAPV

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.

Storage Buffer

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

GENE INFORMATION

Gene Name

ARHGEF19 Rho guanine nucleotide exchange factor (GEF) 19 [Homo sapiens]

Official Symbol

ARHGEF19

Synonyms

ARHGEF19; Rho guanine nucleotide exchange factor (GEF) 19; rho guanine
nucleotide exchange factor 19; FLJ33962; WGEF; ephexin-2; weakly similar to Rho
GEF; RP4-733M16.1;

Gene ID

128272

mRNA Refseq

NM_153213

Protein Refseq

NP_694945

MIM

612496

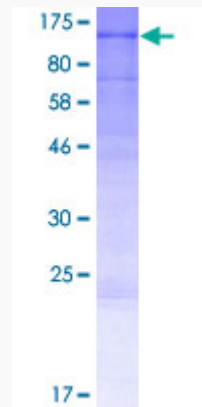
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UniProt ID

Q8IW93



12.5% SDS-PAGE Stained with Coomassie Blue.

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