

Recombinant Full Length Human ARHGEF19 Protein, GST-tagged

Cat. No. ARHGEF19-1343HF **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	In Vitro Cell Free System
ProteinLength	802 amino acids
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	MDCGPPATLQ PHLTGPPGTA HHPVAVCQQE SLSFAELPAL KPPSPVCLDL FPVAPEELRA PGSRWSLGTP APLQGLLWPL SPGGSDTEIT SGGMRPSRAG SWPHCPGAQP PALEGPWSPR HTQPQRRASH GSEKSAWRK MRVYQREEVP GCPEAHAVFL EPGQVVQEQA LSTEEPRVEL SGSTRVSLEG PERRRFSASE LMTRLHSSLR LGRNSAARAL ISGSGTGAAR EGKASGMear SVEMSGDRVS RPAPGDSREG DWSEPRLD TQ EEPPLGSRST NERRQSRFLL NSVLYQEYSD VASARELRRQ QREEEGPGDE AEGAEEGPGP PRANLSPSSS FRAQRSARGS TFSLWQDIPD VRGSGVLATL SLRDCKLQEA KFELITSEAS YIHSLSVAVG HFLGSAELSE CLGAQDKQWL FSKLPEVKST SERFLQDLEQ RLEADVLRFS

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VCDVLDHCP AFRRVYLPYV TNQAYQERTY QRLLLENPRF PGILARLEES
PVCQRLPLTS FLILPFQRIT RLKMLVENIL KRTAQGSEDE DMATKAFNAL
KELVQECNAS VQSMKRTEEL IHLSKKIHFE GKIFPLISQA RWLVRHGELV
ELAPLPAAPP AKLKLSSKAV YLHLFNDCLL LSRRKELGKF AVFVHAKMAE
LQVRDLSLKL QGIPGHVFL QLLHGQHMKH QLLRARTES EKQRWISALC
PSSPQEDKEV ISEGEDCPQV QCVRTYKALH PDELTLEKTD ILSVRTWTSD
GWLEGVRLAD GEKGWVPQAY VEEISSLSAR LRNLRENKRV TSATSKLGEA PV

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

[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](#)

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MIM	612496
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UniProt ID	Q8IW93
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