

Recombinant Full Length Human ARHGAP26 Protein, GST-tagged

Cat. No. ARHGAP26-1193HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP26 full-length ORF (AAH68555.1, 1 a.a. - 759 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	759 amino acids
Description	Interaction of a cell with the extracellular matrix triggers integrin cell surface receptors to begin signaling cascades that regulate the organization of the actin-cytoskeleton. One of the proteins involved in these cascades is focal adhesion kinase. The protein encoded by this gene is a GTPase activating protein that binds to focal adhesion kinase and mediates the activity of the GTP binding proteins RhoA and Cdc42. Defects in this gene are a cause of juvenile myelomonocytic leukemia (JMML). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2017]
Molecular Mass	112.6 kDa
AA Sequence	MGLPALEFSD CCLDSPHFRE TLKSHEAELD KTNKFIKELI KDGKSLISAL KNLSSAKRKF ADSLNEFKFQ CIGDAETDDE MCIARSLQEF ATVLRNLEDE RIRMIENASE VLITPLEKFR KEQIGAAKEA KKKYDKETEK YCGILEKHLN LSSKKKESQL QEADSQVDLV RQHFYEVSL EYVFKVQEVQE RKMFEFVEPL

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LAFLQGLFTF YHHGYELAKD FGDFKTQLTI SIQNTRNRFE GTRSEVESLM
 KKMKENPLEH KTISPYTMEG YLYVQEKRFH GTSWVKHYCT YQRDSKQITM
 VPFQKSGGK GGEDESILK SCTRRKTDSE EKRFCFDVEA VDRPGVITMQ
 ALSEEDRRLW MEAMDGREP VYNSNKDSQSE GTAQLDSIGF SIIRKCIHAV
 ETRGINEQGL YRIVGVNSRV QKLLSVLMDP KTASETETDI CAEWEIKTIT
 SALKTYLRML PGPLMMYQFQ RSFIKAAKLE NQESRVSEIH SLVHRLPEKN
 RQMLQLLMNH LANVANNHKQ NLMTVANLGV VFGPTLLRPQ EETVAAIMDI
 KFQNVIEIL IENHEKIFNT VPDMPLTNAQ LHLSRKKSSD SKPPSCSERP
 LTLFHTVQST EKQEQRNSII NSSLESVSSN PNSILNSSSS LQPNMNSSDP
 DLAVVKPTRP NSLPPNPSPT SPLSPSWPMF SAPSSPMPTS STSSDSSPVS
 TPFKAKALY ACKAEHDSEL SFTAGTVFDN VHPSQEPGWL EGTNGKTGL
 IPENYVEFL

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

ARHGAP26 Rho GTPase activating protein 26 [Homo sapiens]

Official Symbol

ARHGAP26

Synonyms

ARHGAP26; Rho GTPase activating protein 26; rho GTPase-activating protein 26;
 GRAF; GTPase regulator associated with the focal adhesion kinase pp125;
 KIAA0621; OPHN1L; OPHN1L1; oligophrenin-1-like protein; GTPase regulator
 associated with focal adhesion kinase pp125(FAK); GRAF1; FLJ42530

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Gene ID	23092
mRNA Refseq	NM_001135608
Protein Refseq	NP_001129080
MIM	605370
UniProt ID	Q9UNA1

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