Recombinant Human ARHGAP26 protein, GST-tagged

Cat. No. ARHGAP26-767H **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	Wheat Germ
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	MGLPALEFSDCCLDSPHFRETLKSHEAELDKTNKFIKELIKDGKSLISALKNLSSAKRK FADSLNEFKFQCIGDAETDDEMCIARSLQEFATVLRNLEDERIRMIENASEVLITPLEK FRKEQIGAAKEAKKKYDKETEKYCGILEKHLNLSSKKKESQLQEADSQVDLVRQHFY EVSLEYVFKVQEVQERKMFEFVEPLLAFLQGLFTFYHHGYELAKDFGDFKTQLTISIQ NTRNRFEGTRSEVESLMKKMKENPLEHKTISPYTMEGYLYVQEKRHFGTSWVKHY CTYQRDSKQITMVPFDQKSGGKGGEDESVILKSCTRRKTDSIEKRFCFDVEAVDRP

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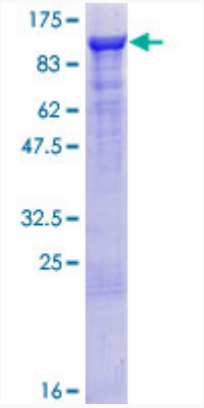
	GVITMQALSEEDRRLWMEAMDGREPVYNSNKDSQSEGTAQLDSIGFSIIRKCIHAVE TRGINEQGLYRIVGVNSRVQKLLSVLMDPKTASETETDICAEWEIKTITSALKTYLRML PGPLMMYQFQRSFIKAAKLENQESRVSEIHSLVHRLPEKNRQMLQLLMNHLANVAN NHKQNLMTVANLGVVFGPTLLRPQEETVAAIMDIKFQNIVIEILIENHEKIFNTVPDMPL TNAQLHLSRKKSSDSKPPSCSERPLTLFHTVQSTEKQEQRNSIINSSLESVSSNPNSI LNSSSSLQPNMNSSDPDLAVVKPTRPNSLPPNPSPTSPLSPSWPMFSAPSSPMPTS STSSDSSPVSTPFRKAKALYACKAEHDSELSFTAGTVFDNVHPSQEPGWLEGTLNG KTGLIPENYVEFL
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-HCI, 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;
Gene ID	23092

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mRNA Refseq	NM_001135608
Protein Refseq	NP_001129080
MIM	605370
UniProt ID	Q9UNA1



12.5% SDS-PAGE Stained with Coomassie Blue.

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