

Recombinant Human ARHGAP26 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARHGAP26-1145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARHGAP26 MS Standard C13 and N15-labeled recombinant protein (NP_055886) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	92.1 kDa
AA Sequence	MGLPALEFSDCCLDSPHFRET LK SHEAELDKTNKFIKELIKDGKSLISALKNLSSAKRK FADSLNEFKFQCIGDAETDDEMCIARSLQEFATVLRNLEDERIRMIENASEVLITPLEK FRKEQIGAAKEAKKKYDKETEKYCGILEKHLNLSSKKKESQLQEADSQVDLVRQHFY EVSLEYVFKVQEVQERKMFEFVEPLLAFLQGLFTFYHHGYELAKDFGDFKTQLTISIQ NTRNRFEGTRSEVESLMKKMKENPLEHKTISPYTMEGYLYVQEKRRHFGTSWVKHY CTYQRDSKQITMVPFDQKSGGKGGEDESILKSCTRRKTD SIEKRFCFDVEAVDRP

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GVITMQALSEEDRRLWMEAMDGREPVYNSNKDSQSEGTAQLDSIGFSIIRKCIHAVE
 TRGINEQGLYRIVGVNSRVQKLLSVLMDPKTASETETDICAWEIKTITSALKTYLRML
 PGPLMMYQFQRSFIKAAKLENQESRVSEIHSLVHRLPEKNRQMLQLLMNHLANVAN
 NHKQNLMTVANLGVVFGPTLLRPQEETVAAIMDIKFQNVIEILIEIENHEKIFNTVPDMPL
 TNAQLHLSRKKSSDSKPPSCSERPLTLFHTVQSTEKQEQRNSIINSSLESVSSNPNSI
 LNSSSSLQPNMNSSDPDLAVVKPTRPNLPPNPSPSPSPSWPMFSAPSSPMPTS
 STSSDSSPVRSVAGFWFSVAAVVLSLARSSLHAVFSLLVNFPCHPNLHLLFDRPE
 EAVHEDSSTPFRKAKALYACKAEHDSSELSFTAGTVFDNVHPSQEPGWLEGTLNGKT
 GLIPENYVEFLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ARHGAP26 Rho GTPase activating protein 26 [Homo sapiens (human)]

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_015071
Protein Refseq	NP_055886
MIM	605370
UniProt ID	Q9UNA1
SDS-PAGE	