

Recombinant Human ARHGAP2, His-tagged

Cat. No. ARHGAP26-9822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP2His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	403--759a.a.
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). Two transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
mRNA Refseq	NM_001135608
Protein Refseq	NP_001129080
MIM	605370
UniProt ID	Q9UNA1
Chromosome Location	5q31
Pathway	Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem; Signaling events mediated by focal adhesion kinase, organism-specific biosystem;
Function	GTPase activator activity; Rho GTPase activator activity; SH3 domain binding; cytoskeletal adaptor activity; protein binding;