

Product datasheet for TP313996L

GRAF (ARHGAP26) (NM_015071) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Rho GTPase activating protein 26 (ARHGAP26), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213996 representing NM_015071 Red=Cloning site Green=Tags(s)

MGLPALEFSDCCLDSPHFRETLSHEAELDKTNKFIKELIKDGGKSLISALKNLSSAKRKFADSLNEFKFQ
CIGDAETDDDEMCIARSLQEFATVLRNLEDERIRMIENASEVLITPLEKFRKEQIGAAKEAKKKYDKETEK
YCGILEKHLNLSSKKKESQLQEADSQVDLVRQHFYEVSYVFKVQEVQERKMFEFVEPLLAFLQGLFTF
YHHGYELAKDFGDFKTQLTISIQNTRNRFEGTRSEVESLMKKMKENPLEHKTISPYTMEGYLYVQEKRFH
GTSWVKHYCTYQRDSKQITMVPFDQKSGGKGGEDSVILKSCTRRKTDSEIKRFCFDVEAVDRPGVITMQ
ALSEEDRRLWMEAMDGREPVYNSNKDSQSEGTAQLDSIGFSIIRKCIHAVETRGINEQGLYRIVGVNSRV
QKLLSVLMDPKTASETETDICAWEIKTITSALKTYLRMLPGPLMMYQFQRSFIKAAKLENQESRVSEIH
SLVHRLPEKNRQMLQLLMNHLANVANNHKQNLMTVANLGVVFGPTLLRPQEETVAAIMDIKFNIVIEIL
IENHEKIFNTVPDMLTNAQLHLSRKKSSDSKPPSCSERPLTLFHTVQSTEQEQRNSIINSSLESVSSN
PNSILNSSSSLQPNMNSSDPLAVVKPTRPNSLPPNPSPTSPLSPSWPMFMSAPSSPMPTSSSTSSDSSPVR
SVAGFWFSVAAVVLSLARSSLHAVFSLLVNFVPCPNLHLLFDRPEEAVHEDSSTPFRKAKALYACKAE
HDELSFTAGTVFDNVHPSQEPGWLEGLTLNGKTGLIPENYVEFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	92.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_055886](#)

Locus ID: 23092

UniProt ID: [Q9UNA1](#)

RefSeq Size: 6518

Cytogenetics: 5q31.3

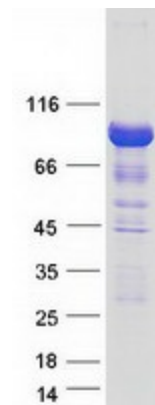
RefSeq ORF: 2442

Synonyms: GRAF; GRAF1; OPHN1L; OPHN1L1

Summary: 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]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ARHGAP26 protein (Cat# [TP313996]). The protein was produced from HEK293T cells transfected with ARHGAP26 cDNA clone (Cat# [RC213996]) using MegaTran 2.0 (Cat# [TT210002]).