

Product datasheet for TP313996

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, 20 µg
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
GTSWVKHYCTYQRDSKQITMVPFDQKSGGKGGEDSVILKSCTRRKTDSIEKRFCFDVEAVDRPGVITMQ
ALSEEDRRLWMEAMDGREPVYNSNKDSQSEGTAQLDSIGFSIIRKCIHAVETRGINEQGLYRIVGVNSRV
QKLLSVLMDPKTASETETDICAWEIKTITSALKTYLRMLPGPLMMYQFQRSFIKAAKLENQESRVSEIH
SLVHRLPEKNRQMLQLLMNHLANVANNHKQNLMTVANLGVVFGPTLLRPQEETVAAIMDIKFNIVIEIL
IENHEKIFNTVPDMLTNAQLHLSRKKSSDSKPPSCSERPLTFHTVQSTEQEQRNSIINSSLESVSSN
PNSILNSSSSLQPNMNSSDPLAVVKPTRPNSLPPNPSPTSPLSPSWPMFSAVSSPMPTSSSTSSDSSPVR
SVAGFWFSVAAVVLSLARSSLHAVFSLLVNFVPCPNLHLLFDRPEEAVHEDSSTPFRKAKALYACKAE
HDELSFTAGTVFDNVHPSQEPGWLEGLTLNGKTGLIPENYVEFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

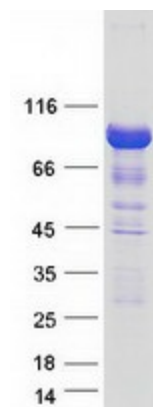
Tag:	C-Myc/DDK
Predicted MW:	92.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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