

## Product datasheet for TP313996M

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213996 representing NM_015071 Red=Cloning site Green=Tags(s)

MGLPALEFSDCCLDSPHFRETLSHEAELDKTNKFIKELIKDGGKSLISALKNLSSAKRKFADSLNEFKFQ  
CIGDAETDDEMCIARSLQEFATVLRNLEDERIRMIENASEVLITPLEKFRKEQIGAAKEAKKKYDKETEK  
YCGILEKHLNLSSKKKESQLQEADSQVDLVRQHFYEVSYVFKVQEVQERKMFEFVEPLLAFLQGLFTF  
YHHGYELAKDFGDFKTQLTISIQNTRNRFEGTRSEVESLMKKMKENPLEHKTISPYTMEGYLYVQEKRFH  
GTSWVKHYCTYQRDSKQITMVPFDQKSGGKGGEDSEVILKSCRRKTDSEIKRFCFDVEAVDRPGVITMQ  
ALSEEDRRLWMEAMDGREPVYNSNKDSQSEGTAQLDSIGFSIIRKCIHAVETRGINEQGLYRIVGVNSRV  
QKLLSVLMDPKTASETETDICAWEIKTITSALKTYLRMLPGPLMMYQFQRSFIKAAKLENQESRVSEIH  
SLVHRLPEKNRQMLQLLMNHLANVANNHKQNLMTVANLGVVFGPTLLRPQEETVAAIMDIKFNIVIEIL  
IENHEKIFNTVPDMLTNAQLHLSRKKSSDSKPPSCSERPLTFHTVQSTEQEQRNSIINSSLESVSSN  
PNSILNSSSSLQPNMNSSDPLAVVKPTRPNSLPPNPSPTSPLSPSWPMFMSAPSSPMPTSSSTSSDSSPVR  
SVAGFWFVSAVVLSLARSSLHAVFSLLVNFVPCPNLHLLFDRPEEAVHEDSSTPFRKAKALYACKAE  
HDELSFTAGTVFDNVHPSQEPGWLEGLTNGKTGLIPENYVEFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

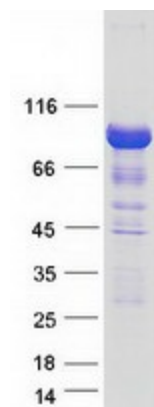
Tag:	C-Myc/DDK
Predicted MW:	92.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055886</a>
<b>Locus ID:</b>	23092
<b>UniProt ID:</b>	<a href="#">Q9UNA1</a>
<b>RefSeq Size:</b>	6518
<b>Cytogenetics:</b>	5q31.3
<b>RefSeq ORF:</b>	2442
<b>Synonyms:</b>	GRAF; GRAF1; OPHN1L; OPHN1L1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).