

Product datasheet for PH313996

GRAF (ARHGAP26) (NM_015071) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARHGAP26 MS Standard C13 and N15-labeled recombinant protein (NP_055886)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213996
Predicted MW:	92.1 kDa
Protein Sequence:	>RC213996 representing NM_015071 Red=Cloning site Green=Tags(s)

MGLPALEFSDCCLDSPHFRETLKSHEAELDKTNKFIKELIKDGGKSLISALKNLSSAKRKFADSLNEFKFQ
CIGDAETDDEMCIARSLQEFATVLRNLEDERIRMIENASEVLITPLEKFRKEQIGAAKEAKKDYKETEK
YCGILEKHLNLSKKKESQLQEADSQVDLVRQHFYEVSLEYVFKVQEVQERKMFEFVEPLLAFLQGLFTF
YHHGYELAKDFGDFKTQLTISIQNTRNRFEGTRSEVESLMKKMKENPLEHKTISPYTMEGYLYVQEKRFH
GTSWVKHYCTYQRDSKQITMVPFDQKSGGKGGEDSVILKSTRRKTDSIEKRFCFDVEAVDRPGVITMQ
ALSEEDRRLWMEAMDGREPVYNSNKDSQSEGTAQLDSIGFSIIRKCIHAVETRGINEQGLYRIVGVNSRV
QKLLSVLMDPKTASETETDICAWEIKTITSALKTYLRMLPGPLMMYQFORSFIKAAKLENQESRVSEIH
SLVHRLPEKNRQMLQLLMNHLANVANNHKQNLMTVANLGVVFGPTLLRPQEETVAAIMDIKFNIVIEIL
IENHEKIFNTVPDMLTNAQLHLRKKSSDSKPPSCSERPLTLFHTVQSTEQEQRNSIINSSLESVSSN
PNSILNSSSSLQPNMNSDPDLAVVKPTRPNSLPPNPSPTSPLSPSWPMFSAPSSPMPTSSTSSDSSPV
SVAGFVWFVVAAYVLSLARSSLHAVFLLVNFVPCPNLHLLFDRPEEAVHEDSSTPFRKAKALYACKAE
HDELSFTAGTVFDNVHPSQEPGWLEGLNGKTLIPENYVEFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055886



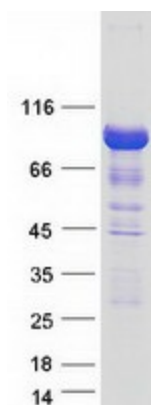
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RefSeq Size:	6518
RefSeq ORF:	2442
Synonyms:	GRAF; GRAF1; OPHN1L; OPHN1L1
Locus ID:	23092
UniProt ID:	Q9UNA1
Cytogenetics:	5q31.3

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]).