

Product datasheet for PH317142

RAP1GAP2 (NM_015085) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAP1GAP2 MS Standard C13 and N15-labeled recombinant protein (NP_055900)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217142
Predicted MW:	79.9 kDa
Protein Sequence:	>RC217142 representing NM_015085 Red=Cloning site Green=Tags(s)

MFGRKRSVSFGFGWIDKTMLASLKVKQELANSSDATLPDRPLSPPLTAPPTMKSSEFFEMLEKMQGIK
LEEQKPGPQKNKDDYIPYPSIDEVVEKGGYPYQVILPQFGGYWIEDPENVTPTSLGSSICEEEEEEDNLS
PNTFGYKLECKGEARAYRRHFLGKDHLNFYCTGSSLGNLILSVKCEEAEGIEYLRVILRSKLTVHERIP
LAGLSKLPVSPQIAKAFCDGAVGLRFNPVLYPKASQMIYSYDEHEVNNTFKFGVIYQKARQTLEELFGN
NEESPAFKEFLDLLGDTITLQDFKGFGRGLDVTHGQTVESVYTTFRDREIMFHVSTKLPFTDGDAAQLQ
RKRHIGNDIVAIIFQEENTPFVPMIASNFLHAYIVVQVETPGTETPSYKVSVTAREDVPTFGPPLPSP
VFQKGFPEFREFLLTKLTNAENACCKSDKFAKLEDRTRAALLDNLHDELHAHTQAMLGLGPEEDKFENGGH
GGFLESFKRAIRVRSHSMETMVGQKKSHTSGGIPGSLGGISHNSMEVTKTTTSPPVVAATVKNQSRSPI
KRRSGLFPRLHTGSEGQGDSRARCSTSSTPKTPDGGHSSQEISETSSNPSSPEICPNKEKPFMCLKEN
GRAISRSSSTSSVSSTAGEGEAMEEGDSSGGSQPSTTSPFKQEVFVYSPSPSSPESPLGAAATPIIMSRS
PTDAKSRNSPRSNLKFREFDKLSHASSGAGH

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_055900

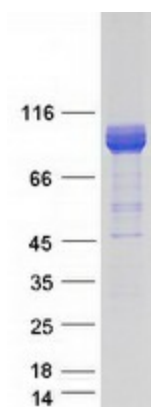


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RefSeq Size:	6682
RefSeq ORF:	2190
Synonyms:	GARNL4; RAP1GA3
Locus ID:	23108
UniProt ID:	Q684P5
Cytogenetics:	17p13.3

Summary: This gene encodes a GTPase-activating protein that activates the small guanine-nucleotide-binding protein Rap1 in platelets. The protein interacts with synaptotagmin-like protein 1 and Rab27 and regulates secretion of dense granules from platelets at sites of endothelial damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Product images:



Coomassie blue staining of purified RAP1GAP2 protein (Cat# [TP317142]). The protein was produced from HEK293T cells transfected with RAP1GAP2 cDNA clone (Cat# [RC217142]) using MegaTran 2.0 (Cat# [TT210002]).