Recombinant Human RAP1GAP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAP1GAP2-1955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAP1GAP2 MS Standard C13 and N15-labeled recombinant protein (NP_055900) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	79.9 kDa
AA Sequence	MFGRKRSVSFGGFGWIDKTMLASLKVKKQELANSSDATLPDRPLSPPLTAPPTMKS SEFFEMLEKMQGIKLEEQKPGPQKNKDDYIPYPSIDEVVEKGGPYPQVILPQFGGYW IEDPENVGTPTSLGSSICEEEEEDNLSPNTFGYKLECKGEARAYRRHFLGKDHLNFY CTGSSLGNLILSVKCEEAEGIEYLRVILRSKLKTVHERIPLAGLSKLPSVPQIAKAFCDD AVGLRFNPVLYPKASQMIVSYDEHEVNNTFKFGVIYQKARQTLEEELFGNNEESPAF KEFLDLLGDTITLQDFKGFRGGLDVTHGQTGVESVYTTFRDREIMFHVSTKLPFTDG DAQQLQRKRHIGNDIVAIIFQEENTPFVPDMIASNFLHAYIVVQVETPGTETPSYKVSV TAREDVPTFGPPLPSPPVFQKGPEFREFLLTKLTNAENACCKSDKFAKLEDRTRAAL

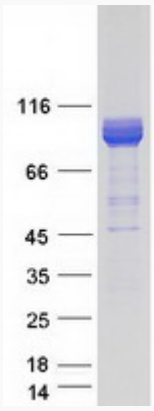
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	LDNLHDELHAHTQAMLGLGPEEDKFENGGHGGFLESFKRAIRVRSHSMETMVGGQ KKSHSGGIPGSLSGGISHNSMEVTKTTFSPPVVAATVKNQSRSPIKRRSGLFPRLHT GSEGQGDSRARCDSTSSTPKTPDGGHSSQEIKSETSSNPSSPEICPNKEKPFMKLK ENGRAISRSSSSTSSVSSTAGEGEAMEEGDSGGSQPSTTSPFKQEVFVYSPSPSSE SPSLGAAATPIIMSRSPTDAKSRNSPRSNLKFRFDKLSHASSGAGHTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RAP1GAP2 RAP1 GTPase activating protein 2 [Homo sapiens (human)]
Official Symbol	RAP1GAP2
Synonyms	RAP1GAP2; RAP1 GTPase activating protein 2; GARNL4; RAP1GA3; rap1 GTPase-activating protein 2; GTPase activating RANGAP domain-like 4; GTPase activating Rap/RanGAP domain-like 4; GTPase-activating Rap/Ran-GAP domain-like protein 4
Gene ID	23108
mRNA Refseq	NM_015085

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Protein Refseq	NP_055900
MIM	618714
UniProt ID	Q684P5
SDS-PAGE	

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