

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	MFGRKRSVSFGGFGWIDKTM LASLKVKKQELANSSD ATLPDRPLSPPLTAPPTMK S SEFFEMLEKMQGIKLEEQKPGPQKNKDDYIPYPSIDEVVEKGGPYPQVILPQFGGYW IEDPENVGTP TSLGSSICEEEEEEDNLSPNTFGYKLECKGEARAYRRHFLGKDHLNFY CTGSSLGNLILSVKCEEAEGLIEYLRVILRSKLKTVHERIPLAGLSKLPSVPQIAKAFCD AVGLRFNPVLYPKASQMIVSYDEHEVNNTFKFGVIYQKARQTLEEELFGNNEESPAF KEFLDLLGDTITLQDFKGF RGGLDVTHGQTGVESVYTTFRDREIMFHVSTKLPFTDG DAQQLQRKRHIGNDIVAIIFQEENTPFVPDMIASNFLHAYIVVQVETPGTETPSYKVS TAREDVPTFGPPLPSPPVFQKGPEFRELLTKLTNAENACCKSDKFAKLEDRTAAL

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LDNLHDELHAHTQAMLGLGPEEDKFENGHGGFLESFKRAIRVRSHSMETMVGGQ
 KKSHSGGIPGSLSGGISHNSMEVTKTTFSPPVVAATVKNQSRSPIKRRSGLFPRLHT
 GSEGQGDSRARCSTSTPKTPDGGHSSQEIKSETSSNPSSPEICPNKEKPFMKLK
 ENGRAISRSSSSTSSVSSTAGEGEAMEEGDSGGSQPSTTSPFKQEVFVYSPSPSSE
 SPSLGAAATPIIMSRSPDPAKSRNSPRSNLKFREFDKLSHASSGAGHTRTRPLEQKLIS
 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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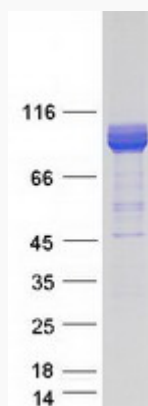
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Protein Refseq NP_055900

MIM 618714

UniProt ID Q684P5

SDS-PAGE



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