

Product datasheet for TP317142

RAP1GAP2 (NM_015085) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GTPase activating Rap/RanGAP domain-like 4 (GARNL4), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217142 representing NM_015085 Red=Cloning site Green=Tags(s)

MFGRKRSVSFGGFGWIDKTM LASLKVKKQELANSSDATLPDRPLSPPLTAPPTMKSEFFEMLEKMQGIK
LEEQKPGPQKNKDDYIPYPSIDEVVEKGGYPQVILPQFGGYWIEDPENVTPTSLGSSICEEEEEEDNLS
PNTFGYKLECKGEARAYRRHFLGKDHLNFYCTGSSLGNLILSVKCEEAEIGIEYLRVILRSKLTVHERIP
LAGLSKLPSPQIAKAFCD DAVGLRFNPVLYPKASQMIVSYDEHEVNNTFKFGVIYQKARQTLEEEELFGN
NEESPAFKEFLDLLGDTITLQDFKGRGGLDVTHGQTGVESVYTTFRDREIMFHVSTKLPFTDGDAAQQLQ
RKRHIGNDIVAIIHQEENTPFVPMIASNFLHAYIVVQVETPGTETPSYKVSVTAREDPVTFGPPLPSP
VFQKGPEFREFLLTKLTNAENACCKSDKFAKLEDRTAALLDNLHDELHAHTQAMLGLGPEEDKFENGGH
GGFLESFKRAIRVRSHMETMVG GQKSHSGGIPGSLGGISHNSMEVTKTTFSPVVAATVKNQSRSPI
KRRSGLFPRLHTGSEGQGD SRARCDSTSSTPKTPDGGHSSQEIKSETSSNPSSPEICPNKEKPFMKLKEN
GRAISRSSSSTSSVSTAGEGEAMEEGDSGGSQPSTTSPFKQEVFVYSPSPSSPSLGAATPIIMSRS
PTDAKSRNSPRSNLKRFRDKLSHASSGAGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

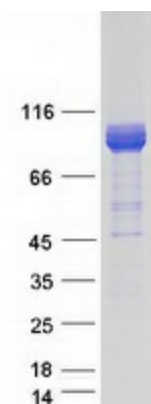
Tag:	C-Myc/DDK
Predicted MW:	79.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055900
Locus ID:	23108
UniProt ID:	Q684P5
RefSeq Size:	6682
Cytogenetics:	17p13.3
RefSeq ORF:	2190
Synonyms:	GARNL4; RAP1GA3
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]).