

Recombinant Human GARNL4 Protein, GST-tagged

Cat. No. GARNL4-4729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GARNL4 full-length ORF (BAC85912.1, 1 a.a. - 711 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	104.3 kDa
AA Sequence	MLASLKVKKQELANSSDATLPDRPLSPPLTAPPTMKSSSEFFEMLEKMQGIKLEEQKP GPQKNKDDYIPYPSIDEVVEKGGPYPQVILPQFGGYWIEDPENVTPTSLGSSICEE EEEDNLSPNTFGYKLECKGEARAYRRHFLGKDHLNIFYCTGSSLGNLILSVKCEEAEAG IEYLRVILRSKLKTVHERIPLAGLSKLPSVPQIAKAFCD DAVGLRFNPVLYPKASQMIV SYDEHEVNNTFKFGVIYQKARQTLEEELFGNNEESLAFKEFLDLLGDTITLQDFKGFR GGLDVTHGQTGVESVYTTFRDREIMFHVSTKLPFTDGDAAQQLQRKRHIGNDIVAIIQ EENTPFVPMIASNFLHAYIVVQVETPGTETPSYKVSVTAREDVPTFGPPLPSPPVF QKGPEFRELLTKLTNAENACCKSDKFAKLEDRTAALLDNLHDELHAHTQAMLGL GPEEDKFENGHGGFLESFKRAIRVRSHSMETMVGGQKKSHSGGIPGSLSGGISH

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NSMEVTKTTFSPPVVAATVKNQSRSPIKRRSGLFPRLHTGSEGQGDSRARCDSTSS
 TPKTPDGGHSSQEIKSETSSNPSSPEICPNKEKPFMKLKENGRAISRSSSSTSSVSS
 TAGEGEAMEEGDSGGSQPSTTSPFKQEVFVYSPSPSSESPSLGAAATPIIMSRSP
 DAKSRNSPRSNLKFREFDKLSHASSGAGH

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [RAP1GAP2 RAP1 GTPase activating protein 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [GARNL4](#)

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_001100398](#)

Protein Refseq [NP_001093868](#)

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UniProt ID

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