

Product datasheet for **RG240229**

GARNL1 (RALGAPA1) (NM_001283043) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GARNL1 (RALGAPA1) (NM_001283043) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GARNL1
Synonyms:	GARNL1; GRIPE; NEDHRIT; p240; RalGAPalpha1; TULIP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240229 representing NM_001283043. Blue=ORF Red=Cloning site Green=Tag(s)

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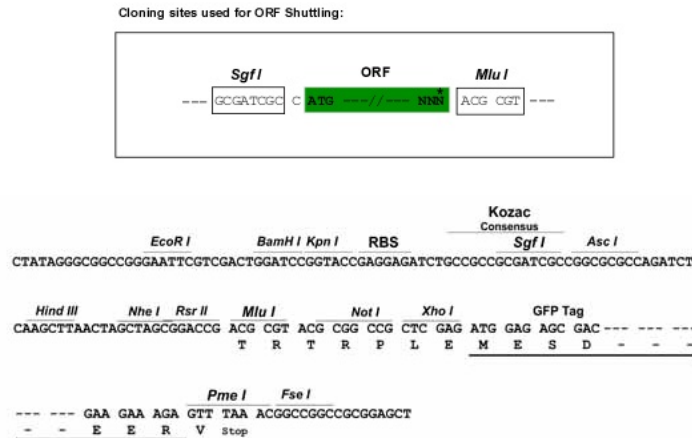
Protein Sequence:

>Peptide sequence encoded by RG240229
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001283043

ORF Size: 6147 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001283043.3](#)

RefSeq Size: 7921 bp

RefSeq ORF: 6150 bp

Locus ID: 253959

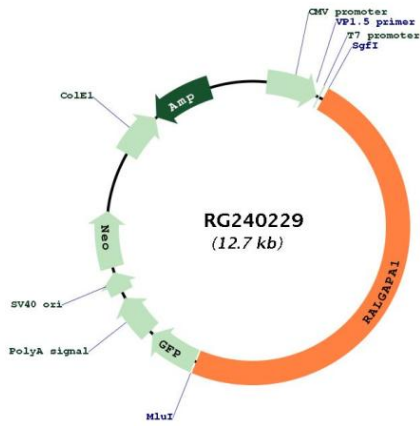
UniProt ID: [Q6GYQ0](#)

Cytogenetics: 14q13.2

MW: 231.6 kDa

Gene Summary: This gene encodes a major subunit of the RAL-GTPase activating protein. A similar protein in mouse binds E12, a transcriptional regulator of immunoglobulin genes. The mouse protein also functions in skeletal muscle by binding to the regulatory 14-3-3 proteins upon stimulation with insulin or muscle contraction. A pseudogene of this gene has been identified on chromosome 9. [provided by RefSeq, Oct 2016]

Product images:



Circular map for RG240229