

## Product datasheet for **RC203834L4V**

### RRAGC (NM\_022157) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RRAGC (NM_022157) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RRAGC
Synonyms:	GTR2; RAGC; TIB929
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022157
ORF Size:	1197 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203834).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_022157.2</a>
RefSeq Size:	2746 bp
RefSeq ORF:	1200 bp
Locus ID:	64121
UniProt ID:	<a href="#">Q9HB90</a>
Cytogenetics:	1p34.3
Domains:	Gtr1_RagA
Protein Families:	Transcription Factors



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**MW:** 44.2 kDa

**Gene Summary:** This gene encodes a member of the GTR/RAG GTP-binding protein family. The encoded protein is a monomeric guanine nucleotide-binding protein which forms a heterodimer with RRAGA and RRAGB and is primarily localized to the cytoplasm. The encoded protein promotes intracellular localization of the mTOR complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]