

Product datasheet for **MR206250L3V**

Rragc (NM_017475) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rragc (NM_017475) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rragc
Synonyms:	AU041672; Gtr2; RAGC; TIB929; YGR163W
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017475
ORF Size:	1194 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206250).
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.
RefSeq:	NM_017475.2 , NP_059503.2
RefSeq Size:	2621 bp
RefSeq ORF:	1197 bp
Locus ID:	54170
UniProt ID:	Q99K70
Cytogenetics:	4 D2.2



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Gene Summary:

Guanine nucleotide-binding protein forming heterodimeric Rag complexes required for the amino acid-induced relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. This is a crucial step in the activation of the TOR signaling cascade by amino acids (By similarity).[UniProtKB/Swiss-Prot Function]