

## Product datasheet for **RC204820L4V**

### RRAS (NM\_006270) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RRAS (NM_006270) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RRAS
Synonyms:	R-Ras
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006270
ORF Size:	654 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204820).
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_006270.2</a>
RefSeq Size:	1013 bp
RefSeq ORF:	657 bp
Locus ID:	6237
UniProt ID:	<a href="#">P10301</a>
Cytogenetics:	19q13.33
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome



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**Protein Pathways:** MAPK signaling pathway, Regulation of actin cytoskeleton, Tight junction

**MW:** 23.5 kDa

**Gene Summary:** The protein encoded by this gene is a small GTPase involved in diverse processes including angiogenesis, vascular homeostasis and regeneration, cell adhesion, and neuronal axon guidance. Mutations in this gene are found in many invasive cancers. [provided by RefSeq, Jul 2015]