

Product datasheet for **MR201847L3V**

Rac2 (NM_009008) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rac2 (NM_009008) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rac2
Synonyms:	AI323801; AI452260
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009008
ORF Size:	579 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201847).
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_009008.3 , NP_033034.1
RefSeq Size:	3036 bp
RefSeq ORF:	579 bp
Locus ID:	19354
UniProt ID:	Q05144
Cytogenetics:	15 E1



[View online »](#)

Gene Summary:

Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species (ROS) by NADPH oxidase.[UniProtKB/Swiss-Prot Function]