

Product datasheet for **MR201682L2V**

Rheb (NM_053075) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rheb (NM_053075) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rheb
Synonyms:	Rheb1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_053075
ORF Size:	555 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201682).
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_053075.3 , NP_444305.2
RefSeq Size:	1521 bp
RefSeq ORF:	555 bp
Locus ID:	19744
UniProt ID:	Q921J2
Cytogenetics:	5 A3
Gene Summary:	Activates the protein kinase activity of mTORC1, and thereby plays a role in the regulation of apoptosis. Stimulates the phosphorylation of S6K1 and EIF4EBP1 through activation of mTORC1 signaling. Has low intrinsic GTPase activity.[UniProtKB/Swiss-Prot Function]



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