

Product datasheet for **MR202278L3V**

Rhod (NM_007485) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rhod (NM_007485) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rhod
Synonyms:	AI326383; Arhd; Rho; RhoHP1; RhoM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007485
ORF Size:	633 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202278).
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_007485.2
RefSeq Size:	1338 bp
RefSeq ORF:	633 bp
Locus ID:	11854
UniProt ID:	P97348
Cytogenetics:	19 A



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Gene Summary:

Involved in endosome dynamics. May coordinate membrane transport with the function of the cytoskeleton. Involved in the internalization and trafficking of activated tyrosine kinase receptors such as PDGFRB. Participates in the reorganization of actin cytoskeleton; the function seems to involve WHAMM and includes regulation of filopodia formation and actin filament bundling. Can modulate the effect of DAPK3 in reorganization of actin cytoskeleton and focal adhesion dissolution.[UniProtKB/Swiss-Prot Function]