

Product datasheet for **MR219685L4V**

Rasd2 (NM_029182) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rasd2 (NM_029182) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rasd2
Synonyms:	4930526B11Rik; AU045414; Rhes; TEM-2; TEM2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029182
ORF Size:	798 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219685).
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_029182.1 , NP_083458.1
RefSeq Size:	2810 bp
RefSeq ORF:	801 bp
Locus ID:	75141
UniProt ID:	P63032
Cytogenetics:	8 C1



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Gene Summary:

GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination.[UniProtKB/Swiss-Prot Function]