

Product datasheet for **MR206202L4V**

Rtn4ip1 (NM_130892) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rtn4ip1 (NM_130892) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rtn4ip1
Synonyms:	D10Erttd690e; NIMP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_130892
ORF Size:	1191 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206202).
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_130892.2
RefSeq Size:	2981 bp
RefSeq ORF:	1191 bp
Locus ID:	170728
UniProt ID:	Q924D0
Cytogenetics:	10 23.12 cM



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Gene Summary:

Plays a role in the regulation of retinal ganglion cell (RGC) neurite outgrowth, and hence in the development of the inner retina and optic nerve (PubMed:26593267). Appears to be a potent inhibitor of regeneration following spinal cord injury (PubMed:12067236).
[UniProtKB/Swiss-Prot Function]