

## Product datasheet for **MR207326L4V**

### Zpr1 (NM\_011752) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Zpr1 (NM_011752) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zpr1
Synonyms:	AI303781; Zfp259; Znf259
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011752
ORF Size:	1380 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207326).
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. <a href="#">More info</a>
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:	<a href="#">NM_011752.2</a> , <a href="#">NP_035882.1</a>
RefSeq Size:	2984 bp
RefSeq ORF:	1380 bp
Locus ID:	22687
UniProt ID:	<a href="#">Q62384</a>
Cytogenetics:	9 A5.2



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**Gene Summary:**

Acts as a signaling molecule that communicates proliferative growth signals from the cytoplasm to the nucleus. Plays a role for the localization and accumulation of the survival motor neuron protein SMN1 in sub-nuclear bodies, including gems and Cajal bodies. Induces neuron differentiation and stimulates axonal growth and formation of growth cone in spinal cord motor neurons. Plays a role in the splicing of cellular pre-mRNAs. May be involved in H(2)O(2)-induced neuronal cell death.[UniProtKB/Swiss-Prot Function]