

## Product datasheet for **MR210212L4V**

### Zp2 (NM\_011775) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Zp2 (NM_011775) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zp2
Synonyms:	Zp-; Zp-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011775
ORF Size:	2139 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210212).
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_011775.6</a>
RefSeq Size:	2200 bp
RefSeq ORF:	2142 bp
Locus ID:	22787
UniProt ID:	<a href="#">P20239</a>
Cytogenetics:	7 64.38 cM



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**Gene Summary:**

This gene encodes a member of the zona pellucida family of glycoproteins that play an important role in the survival of growing oocytes, successful fertilization and the passage of early embryos through the oviduct. The encoded preproprotein undergoes proteolytic processing to generate the mature polypeptide that is incorporated into the extracellular matrix surrounding mouse oocytes. Mice lacking the encoded protein develop defective zonae pellucidae that disrupt folliculogenesis, fertility and development. [provided by RefSeq, Sep 2016]