

## Product datasheet for **MR200510L4V**

### Ensa (NM\_001026212) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ensa (NM_001026212) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ensa
Synonyms:	1700020C18Rik; 2610007F17Rik; AI451924
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001026212
ORF Size:	354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200510).
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_001026212.1</a> , <a href="#">NP_001021383.1</a>
RefSeq Size:	2276 bp
RefSeq ORF:	354 bp
Locus ID:	56205
UniProt ID:	<a href="#">P60840</a>
Cytogenetics:	3 F2.1



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**Gene Summary:**

Protein phosphatase inhibitor that specifically inhibits protein phosphatase 2A (PP2A) during mitosis. When phosphorylated at Ser-67 during mitosis, specifically interacts with PPP2R2D (PR55-delta) and inhibits its activity, leading to inactivation of PP2A, an essential condition to keep cyclin-B1-CDK1 activity high during M phase. Also acts as a stimulator of insulin secretion by interacting with sulfonyleurea receptor (ABCC8), thereby preventing sulfonyleurea from binding to its receptor and reducing K(ATP) channel currents (By similarity).  
[UniProtKB/Swiss-Prot Function]