

## Product datasheet for **RR208127L4V**

### Ier2 (NM\_001009541) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ier2 (NM_001009541) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Ier2
Synonyms:	MGC72578
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001009541
ORF Size:	663 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR208127).
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_001009541.1</a> , <a href="#">NP_001009541.1</a>
RefSeq Size:	1564 bp
RefSeq ORF:	666 bp
Locus ID:	494344
UniProt ID:	<a href="#">Q6P7D3</a>
Cytogenetics:	19q11



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**Gene Summary:**

DNA-binding protein that seems to act as a transcription factor (By similarity). Involved in the regulation of neuronal differentiation, acts upon JNK-signaling pathway activation and plays a role in neurite outgrowth in hippocampal cells (PubMed:17156131). May mediate with FIBP FGF-signaling in the establishment of laterality in the embryo (By similarity). Promotes cell motility, seems to stimulate tumor metastasis (By similarity).[UniProtKB/Swiss-Prot Function]