

## Product datasheet for **RC209947L4V**

### IER2 (NM\_004907) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IER2 (NM_004907) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IER2
Synonyms:	ETR101
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004907
ORF Size:	669 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209947).
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_004907.2</a>
RefSeq Size:	2088 bp
RefSeq ORF:	672 bp
Locus ID:	9592
UniProt ID:	<a href="#">Q9BTL4</a>
Cytogenetics:	19p13.13
Protein Families:	Transcription Factors
MW:	24.2 kDa



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**Gene Summary:**

DNA-binding protein that seems to act as a transcription factor (PubMed:19584537). Involved in the regulation of neuronal differentiation, acts upon JNK-signaling pathway activation and plays a role in neurite outgrowth in hippocampal cells (By similarity). May mediate with FIBP FGF-signaling in the establishment of laterality in the embryo (By similarity). Promotes cell motility, seems to stimulate tumor metastasis (PubMed:22120713).[UniProtKB/Swiss-Prot Function]