

## Product datasheet for **MR221147L4V**

### Erc1 (NM\_178085) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Erc1 (NM_178085) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Erc1
Synonyms:	4930404L01Rik; 5033405M01Rik; 9630025C19Rik; B430107L16Rik; CAST2; ELKS; Elks1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178085
ORF Size:	1104 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221147).
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_178085.3</a> , <a href="#">NP_835186.1</a>
RefSeq Size:	2351 bp
RefSeq ORF:	1107 bp
Locus ID:	111173
UniProt ID:	<a href="#">Q99M11</a>
Cytogenetics:	6 F1



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**Gene Summary:**

Regulatory subunit of the IKK complex. Probably recruits I $\kappa$ B $\alpha$ /NF $\kappa$ BIA to the complex (By similarity). May be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release. May be involved in vesicle trafficking at the CAZ. May be involved in Rab-6 regulated endosomes to Golgi transport.[UniProtKB/Swiss-Prot Function]