

## Product datasheet for **RC209956L4V**

### **EGR1 (NM\_001964) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	EGR1 (NM_001964) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EGR1
Synonyms:	AT225; G0S30; KROX-24; NGFI-A; TIS8; ZIF-268; ZNF225
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001964
ORF Size:	1629 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209956).
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_001964.2</a>
RefSeq Size:	3136 bp
RefSeq ORF:	1632 bp
Locus ID:	1958
UniProt ID:	<a href="#">P18146</a>
Cytogenetics:	5q31.2
Domains:	zf-C2H2
Protein Families:	Druggable Genome



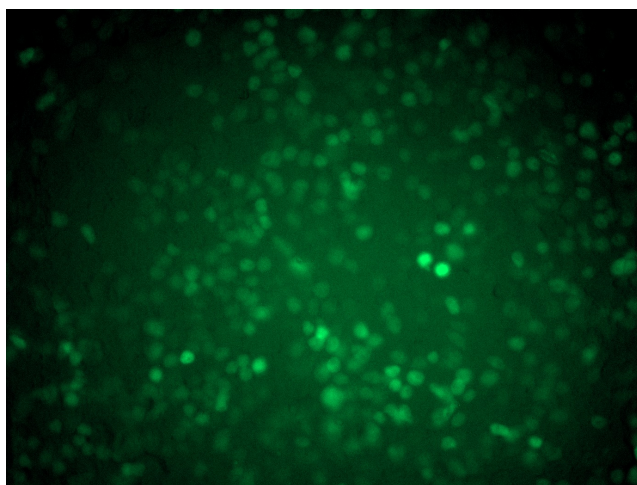
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**Protein Pathways:** Prion diseases

**MW:** 57.3 kDa

**Gene Summary:** The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by RefSeq, Dec 2014]

### Product images:



[RC209956L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209956L4V particle to overexpress human EGR1-mGFP fusion protein.