

## Product datasheet for **RC202597L4V**

### **c Fos (FOS) (NM\_005252) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	c Fos (FOS) (NM_005252) Human Tagged ORF Clone Lentiviral Particle
Symbol:	c Fos
Synonyms:	AP-1; C-FOS; p55
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005252
ORF Size:	1140 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202597).
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_005252.2</a> , <a href="#">NP_005243.1</a>
RefSeq Size:	2158 bp
RefSeq ORF:	1143 bp
Locus ID:	2353
UniProt ID:	<a href="#">P01100</a>
Cytogenetics:	14q24.3
Domains:	BRLZ
Protein Families:	Druggable Genome, Transcription Factors



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**Protein Pathways:** B cell receptor signaling pathway, Colorectal cancer, MAPK signaling pathway, Pathways in cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

**MW:** 40.7 kDa

**Gene Summary:** The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [provided by RefSeq, Jul 2008]