

Product datasheet for **RC209804L2V**

c-Jun (JUN) (NM_002228) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	c-Jun (JUN) (NM_002228) Human Tagged ORF Clone Lentiviral Particle
Symbol:	c-Jun
Synonyms:	AP-1; AP1; c-Jun; cJUN; p39
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002228
ORF Size:	993 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209804).
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. More info
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:	NM_002228.3
RefSeq Size:	3338 bp
RefSeq ORF:	996 bp
Locus ID:	3725
UniProt ID:	P05412
Cytogenetics:	1p32.1
Domains:	BRLZ, Jun
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors



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Protein Pathways: B cell receptor signaling pathway, Colorectal cancer, Epithelial cell signaling in Helicobacter pylori infection, ErbB signaling pathway, Focal adhesion, GnRH signaling pathway, MAPK signaling pathway, Neurotrophin signaling pathway, Pathways in cancer, Renal cell carcinoma, T cell receptor signaling pathway, Toll-like receptor signaling pathway, Wnt signaling pathway

MW: 35.5 kDa

Gene Summary: This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies. [provided by RefSeq, Jul 2008]