

Product datasheet for **MR227043L2V**

Jun (NM_010591) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

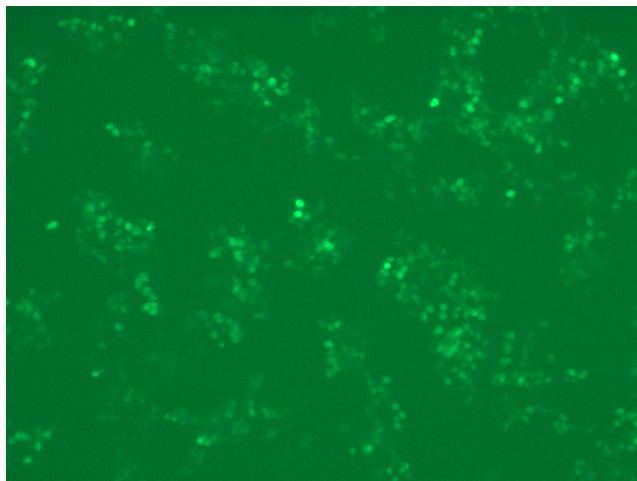
Product Type:	Lentiviral Particles
Product Name:	Jun (NM_010591) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Jun
Synonyms:	AP-1; c-jun; Junc
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_010591
ORF Size:	1002 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227043).
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_010591.2 , NP_034721.1
RefSeq Size:	3187 bp
RefSeq ORF:	1005 bp
Locus ID:	16476
UniProt ID:	P05627
Cytogenetics:	4 43.34 cM



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Gene Summary:

Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3' (PubMed:14707112). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed:17210646). Involved in activated KRAS-mediated transcriptional activation of USP28 (By similarity). Binds to the USP28 promoter (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:

[MR227043L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR227043L2V particle to overexpress human Jun-mGFP fusion protein.