

## Product datasheet for **MR226021L4V**

### **Srebf2 (NM\_033218) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Srebf2 (NM_033218) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Srebf2
Synonyms:	AI608257; bHLHd2; lop13; nuc; SREBP-2; SREBP2; SREBP2gc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033218
ORF Size:	3390 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226021).
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_033218.1</a> , <a href="#">NP_150087.1</a>
RefSeq Size:	4570 bp
RefSeq ORF:	3393 bp
Locus ID:	20788
UniProt ID:	<a href="#">Q3U1N2</a>
Cytogenetics:	15 E1



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**Gene Summary:**

Transcriptional activator required for lipid homeostasis. Regulates transcription of the LDL receptor gene as well as the cholesterol and to a lesser degree the fatty acid synthesis pathway. Binds the sterol regulatory element 1 (SRE-1) (5'-ATCACCCCAC-3') found in the flanking region of the LDRL and HMG-CoA synthase genes.[UniProtKB/Swiss-Prot Function]