

## Product datasheet for **MR203294L3V**

### **Fstl3 (NM\_031380) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Fstl3 (NM_031380) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fstl3
Synonyms:	E030038F23Rik; Flrg
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031380
ORF Size:	771 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203294).
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_031380.2</a> , <a href="#">NP_113557.1</a>
RefSeq Size:	1953 bp
RefSeq ORF:	771 bp
Locus ID:	83554
UniProt ID:	<a href="#">Q9EQC7</a>
Cytogenetics:	10 C1



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**Gene Summary:**

The secreted form is a binding and antagonizing protein for members of the TGF-beta family, such as activin, BMP2 and MSTN. Inhibits activin A-, activin B-, BMP2- and MSDT-induced cellular signaling; more effective on activin A than on activin B. Involved in bone formation; inhibits osteoclast differentiation. Involved in hematopoiesis; involved in differentiation of hemopoietic progenitor cells, increases hemopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hemopoietic precursor cells to the bone marrow stroma. The nuclear form is probably involved in transcriptional regulation via interaction with MLLT10 (By similarity).[UniProtKB/Swiss-Prot Function]