

## Product datasheet for **MR223437L3V**

### **Lsamp (NM\_175548) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Lsamp (NM_175548) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lsamp
Synonyms:	5430428I19; AW046674; B130007O04Rik; D930023J12Rik; Lam; Lamp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_175548
ORF Size:	1023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223437).
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_175548.3</a> , <a href="#">NP_780757.1</a>
RefSeq Size:	2467 bp
RefSeq ORF:	1026 bp
Locus ID:	268890
UniProt ID:	<a href="#">Q8BLK3</a>
Cytogenetics:	16 B4



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**Gene Summary:**

Mediates selective neuronal growth and axon targeting. Contributes to the guidance of developing axons and remodeling of mature circuits in the limbic system. Essential for normal growth of the hippocampal mossy fiber projection (By similarity).[UniProtKB/Swiss-Prot Function]