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Product datasheet for MR201478L4V

Lim2 (NM_177693) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Lim2
Synonyms:	19kDa; 4833403J20; MP19; To3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177693
ORF Size:	519 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201478).
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_177693.2, NP_808361.1
RefSeq Size:	866 bp
RefSeq ORF:	522 bp
Locus ID:	233187
UniProt ID:	P56563
Cytogenetics:	7 28.25 cM

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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Gene Summary: Present in the thicker 16-17 nm junctions of mammalian lens fiber cells, where it may contribute to cell junctional organization. Acts as a receptor for calmodulin. May play an important role in both lens development and cataractogenesis.[UniProtKB/Swiss-Prot Function]

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