

Product datasheet for MR217844L4

Ly6e (NM_008529) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Ly6e (NM_008529) Mouse Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Lубе					
Synonyms:	Ly67; RIG-E; Sca-2; TSA-1; Tsa1					
Mammalian Cell Selection:	Puromycin					
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)					
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217844).					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:						
	Cloning sites used for ORF Shuttling: Sgf I ORF Mlu I GCG ATC GC ATG// NNŇ ACG CGT					

									Koza		_			
EcoR I		Bam	нı		RE	s			s	gf I			OF	RF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGAT	ccGe	STACC	GAG	GAGA	TCTG	CCGC	cGCG	ATCG	C C A	TG	 	• •
	Mlu I			Not I		Xho I		mGFP Ta			Tag			
NNŇ	ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	M	AGC S	GGG G	GGC G			<u> </u>
GGA CTC AGA GTT TGG G L R V	G GTA	GGA	AGC											
* The last codon before the Stop c	odon	ofth	e ORF											

ACCN: ORF Size: NM_008529 411 bp



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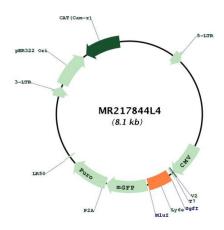
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GENE Ly6e (N	IM_008529) Mouse Tagged Lenti ORF Clone – MR217844L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 008529.3</u>
RefSeq Size:	2278 bp
RefSeq ORF:	411 bp
Locus ID:	17069
UniProt ID:	<u>Q64253</u>
Cytogenetics:	15 34.29 cM
Gene Summary:	Involved in T-cell development (PubMed:8258699). Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-3:beta-4-containing nAChRs maximum response (PubMed:26276394).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MR217844L4

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