

Product datasheet for MR202120L4

Myl3 (NM_010859) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Myl3 (NM_010859) Mouse Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Myl3						
Synonyms:	MLC1s; MLC1v; Mylc; VLC1						
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(MR202120).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf /ORFMlu /						
	GCG ATC GCC ATG NNN ACG CGT						

EcoR I		Bam	H I		RE	35			Koza Consei		-			01	RF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGAT	CCGG	TACC	GAG	GAGA	тстб	CCGC	CGCG	ATCG	C C A	rg			
	Mlu I			Notl_Xhol				mGFP Tag							
NNŇ	ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G		• :-		
GGA CTC AGA GTT TGG G L R V	GTA	GGA	AGC												

* The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM_010859 612 bp

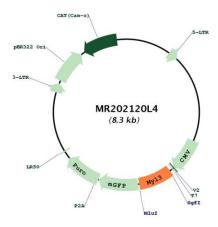


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	(NM_010859) Mouse Tagged Lenti ORF Clone – MR202120L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through 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 010859.2</u>
RefSeq Size:	898 bp
RefSeq ORF:	615 bp
Locus ID:	17897
UniProt ID:	<u>P09542</u>
Cytogenetics:	9 60.69 cM
Gene Summary:	Regulatory light chain of myosin. Does not bind calcium.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202120L4

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