

# Product datasheet for MR212255

### Ly6c2 (NM\_001099217) Mouse Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

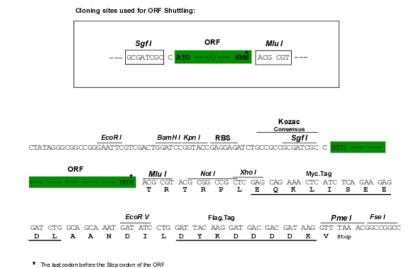
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	Ly6c2 (NM_001099217) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ly6c2
Synonyms:	Ly-6C.2; Ly-6C2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>&gt;MR212255 representing NM_001099217 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGGACAGTACTCACGCTACAAAGTCCTGTTTGCTGATTCTTCTTGTGGCCCCTACTGTGTGCAGGAAGAG CTCAGGGACTGCAGTGCTACGAGTGCTATGGAGTGCCAATTGAGACTTCCTGCCCAGCAGTTACCTGCCG CGCCTCTGATGGATTCTGCATTGCTCAAAACATAGAATTGATTG
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>
Protein Sequence:	>MR212255 representing NM_001099217 Red=Cloning site Green=Tags(s)
	MDSTHATKSCLLILLVALLCAGRAQGLQCYECYGVPIETSCPAVTCRASDGFCIAQNIELIEDSQRRKLK TRQCLSFCPAGVPIKDPNIRERTSCCSEDLCNAAVPTAGSTWTMAGVLLFSLSSVILQTLL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/mm9056 f12.zip
<b>Restriction Sites:</b>	Sgfl-Mlul



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

### **Cloning Scheme:**

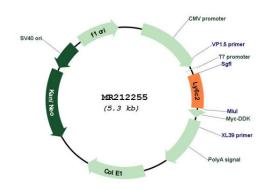


ACCN:	NM_001099217
ORF Size:	393 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	Ly6c2 (NM_001099217) Mouse Tagged ORF Clone – MR212255
RefSeq:	<u>NM 001099217.2</u>
RefSeq Size:	875 bp
RefSeq ORF:	396 bp
Locus ID:	100041546
UniProt ID:	<u>P09568</u>
Cytogenetics:	15 D3
MW:	14.1 kDa

## Product images:



Circular map for MR212255

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US