

Product datasheet for RR204161L4

C6 (NM_176074) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids	
Product Name:	C6 (NM_176074) Rat Tagged Lenti ORF Clone	
Tag:	mGFP	
Symbol:	C6	
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(RR20416	51).
Restriction Sites:	Sgfl-Mlul	
Cloning Scheme:	Cloning sites used for ORF Shuttling:	
	Sgf I ORF Mlu I GCG ATC GC ATG // NNN ACG CGT	
	<u>Kozak</u> <u>Consensus</u> EcoR I BamH I RBS Sqf I ORF	
	<u>Ecori Bamhi RBS Sgfi</u> ORF CTATAGGGCGGCGGGAATTCGTCGACTGGATCGGATCGG	

 Mlu I
 Not I
 Xho I
 mGFP Tag

 ...
 ...
 ...
 NNN
 ACG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC ...

 T
 R
 T
 R
 P
 L
 E

 M
 S
 G
 G
 ...
 ...



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

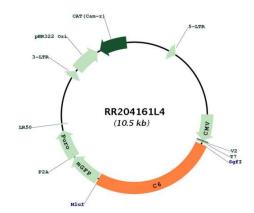
ACCN: ORF Size: NM_176074 2802 bp



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C6 (NM_176074) Rat Tagged Lenti ORF Clone – RR204161L4	
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 176074.3, NP 788263.1</u>
RefSeq Size:	3036 bp
RefSeq ORF:	2805 bp
Locus ID:	24237
UniProt ID:	<u>Q811M5</u>
Cytogenetics:	2q16
Gene Summary:	component of the complement cascade for immune response; may be a component of the membrane attack complex [RGD, Feb 2006]

Product images:



Circular map for RR204161L4

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