

Product datasheet for RR205235L3

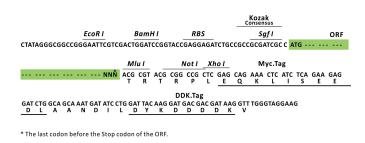
C1qa (NM_001008515) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids	
Product Name:	C1qa (NM_001008515) Rat Tagged Lenti ORF Clone	
Tag:	Myc-DDK	
Symbol:	C1qa	
Synonyms:	MGC105755	
Mammalian Cell Selection:	Puromycin	
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)	
E. coli Selection:	Chloramphenicol (34 ug/mL)	
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR205235).	
Restriction Sites:	Sgfl-Mlul	
Cloning Scheme:		
	Cloning sites used for ORF Shuttling:	
	Safi ORF Miu i	
	Sgf / ORF Mlu / GCG ATC GCC ATG // NNÑ ACG CGT	



ACCN:	NM_001008515
ORF Size:	735 bp

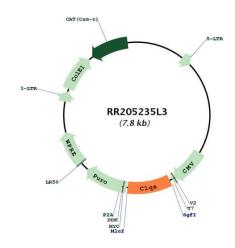


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ORIGENE C1qa (NM_001008515) Rat Tagged Lenti ORF Clone – RR205235L3	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene 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 001008515.1, NP 001008515.1</u>
RefSeq Size:	1025 bp
RefSeq ORF:	738 bp
Locus ID:	298566
UniProt ID:	<u>P31720</u>
Cytogenetics:	5q36
Gene Summary:	C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for RR205235L3

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