

Product datasheet for SC318803

C1QC (NM_001114101) Human Untagged Clone

Product data:

OriGene Technologies, Inc.

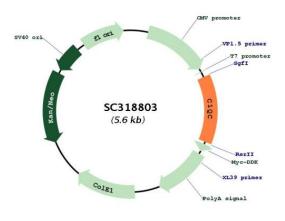
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Product Type:	Expression Plasmids
Product Name:	C1QC (NM_001114101) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1QC
Synonyms:	C1Q-C; C1QG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318803 representing NM_001114101. Blue=Insert sequence <mark>Red</mark> =Cloning site Green=Tag(s)
	GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGACGTGGGGCCCAGCTCCCTGCCCCACCTTGGGCTGAAGCTGCTGCTGCTGCTGCTGCTGCTGCCC CTCAGGGGCCAAGCCAA
Restriction Sites:	Sgfl-RsrII



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Plasmid Map:



ACCN:	NM_001114101
Insert Size:	738 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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 001114101.1</u>

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	C1QC (NM_001114101) Human Untagged Clone – SC318803
RefSeq Size:	1205 bp
RefSeq ORF:	738 bp
Locus ID:	714
UniProt ID:	<u>P02747</u>
Cytogenetics:	1p36.12
Protein Families:	Secreted Protein
Protein Pathway	s: Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus
MW:	25.8 kDa
Gene Summary:	This gene encodes the C-chain polypeptide of serum complement subcomponent C1q, which associates with C1r and C1s to yield the first component of the serum complement system. C1q is composed of 18 polypeptide chains which include 6 A-chains, 6 B-chains, and 6 C- chains. Each chain contains an N-terminal collagen-like region and a C-terminal C1q globular domain. C1q deficiency is associated with lupus erythematosus and glomerulonephritis. [provided by RefSeq, Dec 2016] Transcript Variant: This variant (1) encodes the longer isoform (1). Variants 1-3 encode the same isoform (1).

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