

Product datasheet for RN208499

C3 (NM_016994) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3 (NM_016994) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208499 representing NM_016994 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGACCCACGTCAGGGTCCCAGCTACTAGTGCTACTGCTGCTGTTGGCCAGCTCCCTGCTAGCTCTGG
GGAGCCCCATGTACTCCATCATTACTCCCAATGTCTGCGGCTGGAGAGTGAAGAGACTTTCATACTAGA
GGCCCATGATGCTCAGGGTGATGTCAGTCACCTGTCAGTGTGCAAGACTTCTAAAGAAGCAAGTCTG
ACCAAGTGAAGAAGACAGTGTGACAGGAGCCACTGGACATCTGAACAGGGTCTCCATCAAGATTCCAGCCA
GTAAGGAATCAATGCAGATAAGGGGCACAAGTACGTGACAGTGGTGGCAAACCTTCGGGGCAACAGTGGT
GGAGAAAGCGGTGCTAGTAAGCTTTCAGAGTGGTTACCTCTTCATCCAGACAGACAAGACCATCTACACC
CCAGGCTCCACTGTTTTCTATCGGATCTTCACTGTGGACAACAACCTATTGCCTGTGGGCAAGACAGTGC
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CATCTTGCCTTTGTCTTGAACATTCCAGAAGTGGTCAACATGGGGCAGTGAAGATCCGAGCCTTCTAT
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TCCTGGTGGAGCCTACAGAGAAATTTTATTACATCGATGACCCAAAGGGCCTGGAAGTTTCCATCACAGC
CAGATTCTGTATGGGAAGAAGCTGGACGGGACAGCTTTCGTGATCTTTGGGGTCCAGGATGAGGATAAG
AAGATTTCTCTGGCCAGTCCCTCACCCCGTGTGATCGAGGATGGTTCAGGGGAGGCAGTGTCTAGCC
GAAAAGTGTGATGGACGGGTACGGCCCTCCAGCCAGAAAGCCCTAGTGGGGAAGTCCCTGTACGTCTC
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TCCCCGTACCAGATCCACTTCACCAAGACACCCAAATCTTCAAGCCAGCCATGCCTTTCGACCTCATGG
TGTTTGTGACCAACCCTGATGGCTCTCCAGCCCGCAGAGTCCAGTAGTCACTCAGGGATCCGACGCGCA
GGCTCTCACCCAGGATGATGGTGTGGCCAAGCTGAGCGTCAACACACCCAAACAACCGCCAACCCCTGACT
ATCACGGTCCGCACCAAGAAGGAGGGTATCCCGGACGCGCGGACAGGCCACCAGGACGATGCAGCCAGC
CCTACAGCACTATGCACAATCCAACAACCTACCTGCACTTGTCACTGTCTCGGGTGGAGCTCAAGCCTGG
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TGGAGCTAATGGCCAAGGGAGGTGGTGGCCGACTCAGTGTGGTGGATGTGAAGGACTCCTGTGTAGGC



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ACGCTGGTGGTGAAGGTGACCCAAGAGATAACCGACAGCCCGCCCTGGGCATCAAACGACACTAAGGA
 TCGAGGGGAACCAGGGGGCCCGAGTGGGCTAGTGGCTGTGGACAAGGGGTGTTTGTGCTGAACAAGAA
 GAACAACTCACACAGAGCAAGATCTGGGATGTAGTAGAGAAGGCAGACATTGGCTGCACCCAGGCAGT
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 CAGCCTTGTCTCATCGCACTGCAGGAAGCCAGAGATATCTGTGAGGGGAGGTC AACAGCCTTCCCGG
 GAGCATCAACAAGGCAGGGGAGTATCTTGAAGCCAGTTACCTGAACCTGCAGAGACCATAACAGTAGCC
 ATTGCTGGGTATGCCCTGGCCCTGATGAACAACTGGAGGAACCTTACCTACCAAGTTTCTGAACACAG
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 CCTGGCCCTGCTGCTGCTGAAAGACTTTGACTCTGTGCCTCCTGTGGTGCCTGGCTCAACGAGCAAAGA
 TACTACGAGGTGGCTATGGCTCCAGCAGGCTACCTTATGGTATTCCAAGCCTTGGCTCAATACCAA
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 TCTCTGACAGCCAAAGGAAAAGGCCAAGGCACACTGTCCGGTGGTACAGTGTATCACGCCAAAGTCAAAG
 GCAAAGCCACCTGCAAGAAGTTTACCTCAGGGTACCAATAAAACCAGCCCTGAGACAGCCAAGAAGCC
 CCAGGATGCCAAGAGTTCTATGATCCTTGACATCTGCACCAGGTA ACTGGGAGACGTGGATGCTACTATG
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 GAGTAGACAGATACATTTCCAAGTATGAGATGGACAAAGCCTTCTCCAACAAGAACACCCCTCATCATCTA
 CCTAGAAAAGATCTCACACTCCGAAGAAGACTGCCTGTCTTCAAAGTCCACCAAGTCTTTAACGTGGGA
 CTTATCCAGCCGGGTCGGTCAAGGTCTACTCCTACTACAATCTAGAGGAGTCATGCACCCGGTTCTATC
 ATCCGGAGAAGGACGATGGAATGCTGAGCAAGCTGTGCCACAATGAAATGTGCCGCTGTGCAGAGGAGAA
 CTGCTTATGCATCAGTACAGGATCAGGTGAGCCTGAATGAACGACTAGACAAGGCTTGTGAGCCTGGA
 GTGGACTACGTGTACAAGACCAAGCTAACGACGATAGAGCTGTCGGATGATTTTGTGAGTACATCATGA
 CCATCGAGCAGGTATCAAGTCAAGGCTCAGATGAGGTGCAGGCAGGTGAGGAACGAAGGTTATCAGCCA
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 CTCTGGGAGAAAAGCCCAATACCAGCTACATCATTGGGAAGGACACGTGGGTGGAGCACTGGCCCGAGG
 CAGAGGAATGTCAGGATCAGAAGAACCAGAACAGTGCAGAACCTCGGGCATTACAGAAACAATGGT
 GGTTCGCTGCCCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_016994
Insert Size:	4992 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).
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 style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. 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_016994.2</u> , <u>NP_058690.2</u>
RefSeq Size:	5091 bp
RefSeq ORF:	4992 bp
Locus ID:	24232
UniProt ID:	<u>P01026</u>
Cytogenetics:	9q12
Gene Summary:	putative complement component C3; likely involved in innate immune response [RGD, Feb 2006]