

Product datasheet for **RN215665**

C8a (NM_001106670) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C8a (NM_001106670) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C8a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215665 representing NM_001106670
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTACAGTTGCTTTCTTTGGTTTGTCTCTGATGGCATGGCACTCCGGGGTAACTGCACAAGAGAAGG
 TGAACCAGCGGGTCACCCGAGCTGTGACCCAGGAGCGGTTGCCTGTCAGTTGAGTGACTGGTCAGAATG
 GACAGATTGTTTTCCATGTCAGAACGAAAAGTACCGATACCGGAGCCTCTTGACGCCAAGCAAGTTTGA
 GGAACCATCTGCAGTGGTGATATATGGGATAAGGCCAACTGTGACAGCCCCACACCTTGCTAAGGCAAG
 CACAGTGTGGACAGGATTTCCAGTGTAGAGAGACAGGTCGCTGCCTGAAACGCCACCTGGTATGCAATGG
 AGATCAGGACTGCCTTGATGGCTCTGATGAGGATAACTGTGATGATGCCAGGGTCATTGAAGATGATTGC
 CGTCAGTATGAACCAATCCCAGGATCAGAAAGGGCAGCCTTGGGGTACAATATCCTGACTCAAGAAGAAG
 GCCAGAGTGTGTATGATGCTAAGTATTATGGAGGCCAGTGTGAACTGTGTACAATGGAGACTGGAGAAG
 GCTGCAGTACGACCCACCTGTGAGCGCCTCTACTATGGGGAGGATGAGAAATACTTCCGGAAGCCCTAC
 AACTTCCTTAAGTACCCTTTGAAGCCCTGGCGGATACTTTAATCTCTTCAGAGTTTTATGATGATGCAA
 ATGACCTTTTTCTAAGATACAGAGGGCAAAATCCCAGTCAAATAGTGTAAACATTTGGCATAAGCCCAGC
 AAAAAGTCCTATCACACTAGACGCGTCCGTATCCTGGTCCGATGAATCTTCTTCATGAAGGAGTTAAGC
 AAGTATAATGAGAAGAAATATAGCTTCATGAGAGTGTCCACGAAGGTACAGACGGCACATTTTAAGATGA
 GGAGGCCAATATTGTGCTGGATGAAGGGATGATGGAGTCACTGATGGAGCTCCCAGAGCAGTTTAACTA
 CGGCATGTACTCCAAGTTCATCAATGACTATGGCACCCACTACATCACCTCTGGAACCATGGGTGGCATT
 TACGAATATGTTCTGGTGCTTGACAAAGAGAAAATGAGAATTCATGGCATTACTGTGGAAGATGTCAAAA
 AATGCATCGGAGGTGGCGTTGGCCTGCAGTTTGGAGAGAAAATTAATGGTGAAGGAGATTTATCAGGAGA
 GTCTTGTGTATGACTGGAGATGGCAACCAGGACAAAAGGAAGAAGGACTTGGCAGTGGAGGACATCATT
 TCTCGGGTACAAGGTGGAAGTTCTCGTGGAGCACTGGCTTGGCACACAACAGCAGTGCTATTACATACC
 GGTCTTGGGGGAGATCATTAAAGTATAACCCTGTTGTTATCGATTTTGGATGCAGCCCTCTATCAGCT
 ACTGCAGCACACAACCTGGGGCCTCTGGAGACTAAACGTCGGAACCTGCGCAGGGCTTTGGACCAGTAC
 CTGATGGAATTTAATGCCTGCCCTGTGGGCCCTGCTTCAACAATGGGGTACCCATACTCGAGGGCACCA
 GCTGCTCGTGTCAATGTAGCATGGCCCGCAGGGCCCTGCCTGTGAGAGCATGGTATTGGAAGCGATGGA
 GGGAGCCAAAGCTGATGGTCGTGGAGCTGCTGGAGTTCCTGGTCAGAGTGTAGAGGAGGGTCCCGGGAG
 AGGAGGAGACAGTGAACAATCCAGCACCCAGAAATGGAGGTGCCCATGCCTAGGGAAGAGCCTGCAGA
 CCCAGGCTGCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001106670

Insert Size: 1764 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:

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: NM_001106670.1, NP_001100140.1

RefSeq Size: 3626 bp

RefSeq ORF: 1764 bp

Locus ID: 298288

Cytogenetics: 5q34