

Product datasheet for **RR215665**

C8a (NM_001106670) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR215665 representing NM_001106670
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGTTTACAGTTGCTTTCTTTGGTTTGTCTCTGATGGCATGGCACTCCGGGGTAACTGCACAAGAGAAGG
 TGAACACAGCGGTCAACCGAGCTGTGACCCAGGAGCGGTTGCCTGTGAGTTGAGTGACTGGTCAGAATG
 GACAGATTGTTTTCCATGTCAGAACGAAAAGTACCGATACCGGAGCCTCTTGACGCCAAGCAAGTTTGA
 GGAACCATCTGCAGTGGTGATATATGGGATAAGGCCAACTGTGACAGCCCCACACCTTGCTAAGGCAAG
 CACAGTGTGGACAGGATTTCCAGTGTAGAGAGACAGGTCGCTGCCTGAAACGCCACCTGGTATGCAATGG
 AGATCAGGACTGCCTTGATGGCTCTGATGAGGATAACTGTGATGATGCCAGGGTCATTGAAGATGATTGC
 CGTCAGTATGAACCAATCCCAGGATCAGAAAGGCAGCCTTGGGGTACAATATCCTGACTCAAGAAGAAG
 GCCAGAGTGTGTATGATGCTAAGTATTATGGAGGCCAGTGTGAACTGTGTACAATGGAGACTGGAGAAG
 GCTGCAGTACGACCCACCTGTGAGCGCCTCTACTATGGGGAGGATGAGAAATACTTCCGGAAGCCCTAC
 AACTTCCTTAAGTACCCTTTGAAGCCCTGGCGGATACTTTAATCTCTTCAGAGTTTTATGATGATGCAA
 ATGACCTTTTTCTAAGATACAGAGGGACAAATCCCAGTCAAATAGTGTAAACATTTGGCATAAGCCACAGC
 AAAAAGTCTATCACACTAGACGCGTCCGTATCCTGGTCCGATGAATCTTCTTCATGAAGGAGTTAAGC
 AAGTATAATGAGAAGAAATATAGCTTCATGAGAGTGTCCACGAAGGTACAGACGGCACATTTTAAAGTGA
 GGAGGCACAATATTGTGCTGGATGAAGGGATGATGGAGTCACTGATGGAGCTCCCAGAGCAGTTTAACTA
 CGGCATGTACTCCAAGTTCATCAATGACTATGGCACCCACTACATCACCTCTGGAACCATGGGTGGCATT
 TACGAATATGTTCTGGTGTGCTTGACAAAGAGAAAATGAGAATTCATGGCATTACTGTGGAAGATGTCAAAA
 AATGCATCGGAGGTGGCGTTGGCCTGCAGTTTGGAGAGAAAATAAATGGTGAAGGAGATTTATCAGGAGA
 GTCTTGTGTCTGACTGGAGATGGCAACAGGACAAAAGGAAGAAGGACTTGGCAGTGGAGGACATCATT
 TCTCGGGTACAAGGTGGAAGTTCTCGTGGAGCACTGGCTTGGCACACAACAGCAGTGTATTACATACC
 GGTCTTGGGGGAGATCATTAAAGTATAACCCTGTTGTTATCGATTTTGGATGCAGCCCATCTATCAGCT
 ACTGCAGCACACAACCTGGGGCCTCTGGAGACTAAACGTGGAACCTGCGCAGGGCTTTGGACCAGTAC
 CTGATGGAATTTAATGCCTGCCCTGTGGGCCCTGCTTCAACAATGGGGTACCCATACTCGAGGGCACCA
 GCTGCTCGTGTCAATGTAGCATGGGCCGCGAGGCCCTGCCTGTGAGAGCATGGTATTGGAAGCGATGGA
 GGGAGCCAAAGCTGATGGTGTGAGAGTCTGGAGTCTGGTCAAGTGTAGAGGAGGGTCCCGGGAG
 AGGAGGAGACAGTGAACAATCCAGCACCCAGAAATGGAGGTGCCCCATGCCTAGGGAAGAGCCTGCAGA
 CCCAGGCTGC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR215665 representing NM_001106670
 Red=Cloning site Green=Tags(s)

MFTVAFFGLSLMAWHSVTAQEKVNQRVTRAVTPGAVACQLSDWSEWTDPCQNEKYRYSLLQPSKFG
 GTICSGDIWDKANCDSPCLRQAQCGQDFQCRETGRCLKRHLVCNGDQDCLDGSDEDNDDARVIEDDC
 RQYEIPGSEAAALGYNILTQEEGQSVYDAKYGGQCETVYNGDWRRLLQYDPTCERLYYGEDEKYFRKPY
 NFLKYHFEALADTLISSEFYDDANDLFSKIQDKSQSNSVTFGISPAKSPITLDASVSWSESSFMKELS
 KYNEKKYSFMRVSTKVQTAHFKMRRHNIIVLDEGMESLMELPEQFNMGYSKFINDYGTHYITSGTMGGI
 YEYVLVLDKEKMRIHGITVEDVKKICIGGGVGLQFGEKIIIGEDLSGESCVMVDGNDKRRKDLAVEDII
 SRVQGGSSRWSTGLAHNSSAITYRSWGRSLKYNPVIDFEMQPIYQLLQHTNLGPLETKRRNLRRALDQY
 LMEFNACRCGPCFNNGVPILEGTSQSCQCSMGRQGPACESMVLEAMEGAKADGRWSCWSSWSECRGGSRE
 RRRQCNNPAPQNGGAPCLGKSLQTQAC

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-RsrII

Cloning Scheme:


ACCN: NM_001106670

ORF Size: 1761 bp

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. [More info](#)

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:**
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

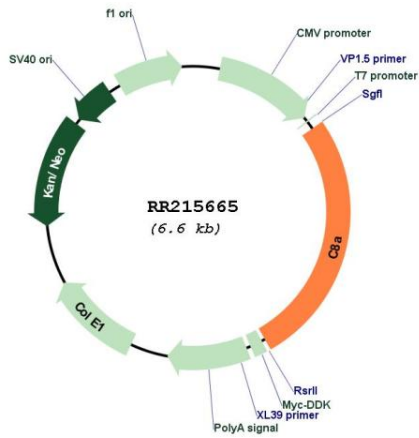
RefSeq ORF: 1764 bp

Locus ID: 298288

Cytogenetics: 5q34

MW: 66.3 kDa

Product images:



Circular map for RR215665