

Product datasheet for **MC216851**

Cyp2c65 (NM_028191) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Cyp2c65
Synonyms:	2210009K14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC216851 representing NM_028191

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTTCTAGGTGTGTTTCTGGGGCTTCTCTCACATGTCTGCTTCTTCTTCACTATGGAGGCAGAATT
CTCAGAGAAGAAACCTTCTCTGCCCCACACCTCTCCCCATCATTGGAATATTCTTCAGCTAGATCT
TAAGGACATCAGCAATCTCTGAGGAATTTTCAAAAGTCTATGGCCCTGTGTTCACTCTGTACTTGGGC
AGGAATCCTGCTGTGGTGTACATGGATATGAAGCTGTGAAAGAAGCCTTACTGATCATGGGGAGGAGT
TTGCTGGAAGAGGAGTTTTCCAGTGTGTAAGTTTAAGAAAACTGCGGGTGTGTTTCAGCAGTGG
GAGGACCTGGAAAGAGATGAGACGCTTCTCACTCATGACTCTGCGAACTTTGGGATGGGAGGAGGAGC
ATTGAGGACCAATTCAAGAGGAGGCTCGCTGTCTTGTGGATGAATTGAGGAAAACCAAGGTGAACCT
GTGATCCACCTTCATCCTCGGCTGTGCTCCTTGCAATGTCATCTGCTCCATTGTTTCCAGAATCGTTT
TGATTATAAGATCAGGAATTCCTTACCTTCTTAGACATCTAAATGAAATGTGGAGATTCTGAGTTCC
CCTTGATTGAGTTTGAATAATTTCTGCTGTCATTGATTATCTACCAGGAAGACACAGAAAATTAC
ATAAAATTTTGCCTTTCAGAACATTACTTTTGTCAAAAGTAAACAGCATCAAGAGTCACTGGATAT
TAACAATCCTCGGGACTTTATTGATTGTTTCTGATCAAAATGGAACAGGAAAGCACAACCCAAAGACG
GAGTTTACTTGTGAGAACTTGGTCTTCACAGCATCTGATCTGTTTGTGCTGGGACAGAGACAACAAGCA
CAACCCTGAGGTACTCTCTGCTGCTCTCAAGTATCCAGAAATCAGCCAAAGTCCAGGAAGAGAT
CGACTGTGTGATTGGCAGACACAGGAGCCCTGCATGCAGGACAGGCATAGCATGCCCTACACTGATGCT
GTGTTGCATGAGATCCAGAGATACATTGATCTCCTTCCACCAGCCTTCCCATGCCGTGACCCGTGACG
TGAAATTCAGAGATATCTATTCCAAGGGCACCCTGTCATAGCATCACTGACTTCTGTGCTATATGA
TGATAAAGAAATCCCAACCCAGAGAAGTTTGACCCAGTCACTTTCTGGATGAGCGTGGCAAGTTTAAG
AAAAGTGACTACTTTTTCTTCTCAACAGGAAAACGGATTTGTGTGGGAGAGGGTCTGGCTCGAGCAG
AATTATTTTATTCTGACCACATTTACAGAACTTAACTTGAATCTCCAGTTGATCTAAAGACCT
TGATACTACTCCAGTTGCCAATGGATTGCTTCTGTGCCACCAAGTCCAGATATGCTTCATCCCATC
TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_028191

Insert Size:

1473 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_028191.2</u> , <u>NP_082467.2</u>
RefSeq Size:	1941 bp
RefSeq ORF:	1473 bp
Locus ID:	72303
Cytogenetics:	19 C3