

Product datasheet for **MC222664**

Ofcc1 (NM_172143) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ofcc1 (NM_172143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ofcc1
Synonyms:	opo
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222664 representing NM_172143
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATAAAGAGAAGTTTCAGCAGAAGGCTGTGAAGCAAATAAGCAGAAGAAATCCACGTCGGCTGAAT
 TTCTGATGGTTAAAGAATACACGGACGCTACCGAAGGTGCCGGAATCCAGGTTTTAACATGAGCAGCCC
 AGAACTCCAGCACATCAGACTCCACAAGAGAAAGTTGTGAGACATGACATGCTGGATCACACCCTTGCA
 ACTCATCAACAAAAATCCAGGCTGCCAGCTTCAGCGGGACCCAAAGGAAATGAATACAGCAGAAATTACT
 TTGACCCACTGACGGAGGAGAAATAAACTCAAGGCAGTGCCGGATGGAGGTCAGCAGACAGGATGGAAG
 GTCAAAGGTGGAGACTGGATCAGGAATACCCAGACGTTCCACTGAGAGCCTGGATACCTGCAAAGAG
 GATGAGGAAGATGCTCCTGGGTACTGAGGACTCTGAGAGGCAAGCTCAGAGAGCGCTGTTCTGCTTG
 CAGGTTCTTCATCAGGACAGGATTTGGAATTTGAAAGAAAAGGACTCAGCCAGAACATCCCATGTCATG
 TTTAAAGAAAAGAAAAGCATTCAAGAAAGCTCCGAGTCAGCTGTGCACTGCAGACGGGAATCCTTACACA
 AAGGCTAGTGACAAGGGGCAACGCTCATTTCCAGAAGTACTAAAGAATCTGGAAGGACAGAAGGAACTT
 GCTGGAAGGGTGAGCAGCCTCAGTTGCCTAGTCTACAAATACAGATCAGATGTATTAGGGGCCCTCAAGGA
 CAAGGCTCCCCAAGGCTCCTACCTCCTCCGAGTGTCTGCTCAGTCAGCTGGGGAGCTGTGCCTCACAG
 GAGTGTCAAGCTGAGCAGCTGAAGACAAGGACGTGCCAGTTCCTCATGGTGGCAACTTTTATGATGTGG
 GGCTCTATTTCCATGAAAGCGTTTCTGTGGTACTTCTCAAAGGAAAGCCGTGAAGCCTGGCTTGCTTT
 CTTGTTGAACTTCTCCTTCCATGGAACATATGCTTACAATGACCTGATTATGGGCTGGGCAGTCTTT
 CCTGATGTGACAACAACCTCCATATAGTAGAGGAAAAATCAAGTGTCCCTTCTCCGAGGACCTTATG
 ACCAAAAACTGGACAGCTTCAGAAAAATAGAAAAATTTGATTTGCCAAGACTTGGACCAGTGGCTGCGAA
 TCTATATTTTAAAGTAATTA AAAACTCCTTTGCATTTGGATGATCAAAAAAGCCCTGAGAGCCGCAGGCAG
 CTTTCTCCAGAACGTCCAGTGTGCTTAATGGTGGAAGCAGAGAACACGGAATTCGATTTGGATAATACAG
 CCGGTCCTTCAAAGAAAGAACCGCCAGGAAATGTTGATGCTGTAATGGGCGGTGCGATCCACTCTTCTCA
 AGGGAATATTTCTAATAAAACTGACTCCTGCCCTAGGGGTTGTGATCTGTGCCTCTTCAAAGAACCCGT
 GACTTGAAGCTATGGGGAATAGTTGGCTGCTCAATCTGTGAAGGAAAGATCTACTGTGTGGAGACCTG
 AAGATCCTGAAGACTATCCGGGGATGTGCTTACCTAGAGGAACTGGAGAAATACAGTTTTCCGTTTG
 CTGCCCTCAGGTGTAGATGGCTGTGGATCTGGAAGGTTGTCCAAGCACCTCCACTTACATTGATGGCC
 TTATTTTCAGAACTTGAATTAGCTCAATGGCAAAGTCAGAGCTTCTGGTACATCCTTCTGATGATGGCAT
 CTCTCTGGTTCTGAGGCTCTACCTGCATTACCTGGGCCAGTGGCTTTTCTCTGGGTCCTCTCCACTCC
 AGTTACAAAAATCCAGTTTCACTCCTACTGTTGAGCTCTGCTACCTGACTTCTTCACTTCATGTCGGA
 GAAGAGCTGGCTGTGATTGTATTGGGGCCCTAGCTCTAAACACAATCACGTTCCCTTGCTTCTGATCA
 GATGGGGCTGTCAGTACTGTTTTCTCCTGCCAGATGCCTTGTCAAAGCTAATCATCACGATGGGACT
 ATGGACAGTCTAGACCCATTGGCGGTGTTTCTAGTGGATGCTTCTGGGGCGACTTGCACATAATGGG
 GAGACACCTATTGCAGATGCAGCTAAACTCTACTGGATGTTCTGAGAACCAAGCAACCAGCCATCCTCG
 GTGCTCTGATCACAGTGGTAGTTTACACTCTGCTGTTTGTGATCTCCTCCTTGATTTTGTACTTGTATTG
 CCTCAGGTTGTACAATGACTCTTGGGATTTAGATGCATTTTCAGAGAATCCACAGTGAAGAAGGCCAAGTTC
 TTCATACCACATGATTTGGAAATTTCCAATCAGGAGCTGAGTCACATCGTGAAAAGATCTGAGCAGTGGA
 GAGGGATCCATGGTGAGAGAAGGAGGTGGCAGTGCACGATTACATCTGAAAAGCCATGACACCGAGTC
 CAAGGTCTCCAGCTGTGACCCCCACCATCAGGATGAAAGTTTTGAGTCTGCAGTTGGTCCAAGAAGGGTT
 ACTTCCCACATATCAGTACATACTGTTTATCCCAATGGGTTTCAAGAGTTGTATCGCCATTTTCTCAGGC
 TCCCGGATGGCGCCATCATTGAGGTGTTTGGTGACATCAGTGCCTTGAGATTTGCCCCAGTGAAGTGT
 CACCGCTATTGAGGAACACATAAGAGAAATGGACTGTGCAGAGAGAAATCTTTGCTTCTTACCAAGAG
 AAAGAAGTCTCTGAGCATAAAAAGGAGATCATAACCCGAGTGGAAAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_172143
Insert Size:	2781 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	NM_172143.2 , NP_742155.2
RefSeq Size:	2816 bp
RefSeq ORF:	2781 bp
Locus ID:	218165
Cytogenetics:	13 A3.3