

Product datasheet for **MC217431**

Ocln (NM_008756) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ocln (NM_008756) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ocln
Synonyms:	A1503564; Ocl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217431 representing NM_008756
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCGTGAGGCCTTTTAAAAGTCCACCTCCTTACAGACCTGATGAATCAAACCAATCATTATGCAC
 CAAGCAATGACATGTATGGCGGAGAGATGCATGTCCGGCCGATGCTCTCTCAGCCAGCGTACTCTTTTAA
 TCCGGAAGATGAAATTCTTCACTTCTACAAATGGACGTCGCCCCAGGGGTGATCCGGATCCTGTCTATG
 CTCATTATTGTGATGTGCATCGCCATATTTGCCTGTGTGGCTTCCACACTTGCTGGGACAGAGGCTATG
 GGACAGGGCTCTTTGGAGGAAGCCTAAACTACCCTTATAGTGGCTTTGGCTACGGAGGTGGCTATGGAGG
 CGGCTATGGAGGCTATGGCTATGGCTATGGCGGATATACAGACCCAAGAGCAGCCAAAGGCTTCTGTG
 GCCATGGCAGCCTTCTGCTTCATCGCTTCTTAGTAATATTTGTGACCAGTGTTAAGACTGGAATGT
 CCAGGACAAGAAGATATTACTTGATCGTGATCATAGTCAGCGCTATCCTGGGCATCATGGTGTATTGTC
 CACGATCGTGACATAATGGGAGTGAACCCGACGGCCAGGCTTCTGGATCTATGTACGGCTCACAGATA
 TATATGATCTGCAACCAGTTTATACTCCTGGAGTACTGGTCTCTACGTGGATCAATATTTGTATCACT
 ACTGTGTGGTTGATCCCCAGGAGGCTATAGCCATTGTCCTGGGGTTCATGATTATCGTGGCTTTTGCCTT
 AATCATCTTTTTGCTGTGAAAACCCGAAGAAAGATGGATCGGTATGATAAGTCCAATATTTTGTGGGAT
 AAGGAACACATTTATGATGAACAGCCCCCAATGTTGAAGAGTGGGTTAAAAATGTGCTGCAGGCACAC
 AGGACATGCCTCCACCCCATCTGACTATGCGGAAAGAGTTGACAGTCCAATGGCCTACTCCTCCAATGG
 CAAAGTGAATGGCAAGCGATCATACCCAGAGTCTTTCTATAAGTCAACACCTCTGGTGCCTGAAGTGGCC
 CAGGAGATTCCTCTGACCTTGAAGTGTGGATGACTTCAGGCAGCCTCGGTACAGCAGCAATGGTAACCTAG
 AGACACCTTCTAAAAGGGCTCCACGAAGGGGAAAGCAGGAAAGGCAAGAGGACGGACCTGACCACTA
 TGAACAGACTACACGACAGGTGGGGAGTCTGCGAGGAGCTGGAGGAGGACTGGGTGAGGGAATATCCA
 CCTATCACTTCAGATCAACAAAGACAACCTCAAGAGAAATTTGATGCAGGTCTGCAGGAGTATAAGA
 GCTTACAGGCAGAACTAGACGACGTCAATAAAGAGCTCTCTCGTCTAGATAAAGAGCTGGATGACTACAG
 AGAGGAGAGTGAAGAGTACATGGCTGCTGCTGATGAATAAATAGACTAAAGCAAGTTAAGGGATCTGCA
 GATTATAAAAGTAAAGAGGAATTACTGCAAGCAGTTGAAGAGCAAATTATCGCACATCAAGAGGATGGTGG
 GAGATTATGACAGACGGAAACCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_008756

Insert Size: 1566 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_008756.2](#), [NP_032782.1](#)

RefSeq Size: 3192 bp

RefSeq ORF: 1566 bp

Locus ID: 18260

UniProt ID: [Q61146](#)

Cytogenetics: 13 53.23 cM

Gene Summary: May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier.[UniProtKB/Swiss-Prot Function]