

Product datasheet for **MR226013**

Ocln (NM_008756) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR226013 representing NM_008756
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCGTGAGGCCTTTTAAAAGTCCACCTCCTTACAGACCTGATGAATCAAACCAATCATTATGCAC
 CAAGCAATGACATGTATGGCGGAGAGATGCATGTCCGGCCGATGCTCTCTCAGCCAGCGTACTCTTTTAA
 TCCGGAAGATGAAATTCTTCACTTCTACAAATGGACGTCGCCCCAGGGGTGATCCGGATCCTGTCTATG
 CTCATTATTGTGATGTGCATCGCCATATTTGCCTGTGTGGCTTCCACACTTGCTGGGACAGAGGCTATG
 GGACAGGGCTCTTTGGAGGAAGCCTAAACTACCCTTATAGTGGCTTTGGCTACGGAGGTGGCTATGGAGG
 CGGCTATGGAGGCTATGGCTATGGCTATGGCGGATATACAGACCCAAGAGCAGCCAAAGGCTTCTGTG
 GCCATGGCAGCCTTCTGCTTCATCGCTTCTTAGTAATATTTGTGACCAGTGTTAAGACTGGAATGT
 CCAGGACAAGAAGATATTACTTGATCGTGATCATAGTCAGCGCTATCCTGGGCATCATGGTGTATTGTC
 CACGATCGTGACATAATGGGAGTGAACCCGACGGCCAGGCTTCTGGATCTATGTACGGCTCACAGATA
 TATATGATCTGCAACCAGTTTATACTCCTGGAGTACTGGTCTCTACGTGGATCAATATTTGTATCACT
 ACTGTGTGGTTGATCCCCAGGAGGCTATAGCCATTGTCCTGGGGTTCATGATTATCGTGGCTTTTGCCTT
 AATCATCTTTTTGCTGTGAAAACCCGAAGAAAGATGGATCGGTATGATAAGTCCAATATTTTGTGGGAT
 AAGGAACACATTTATGATGAACAGCCCCCAATGTTGAAGAGTGGGTTAAAAATGTGTCTGCAGGCACAC
 AGGACATGCCTCCACCCCATCTGACTATGCGGAAAGAGTTGACAGTCCAATGGCCTACTCCTCCAATGG
 CAAAGTGAATGGCAAGCAGATCATACCCAGAGTCTTTCTATAAGTCAACACCTCTGGTGCCTGAAGTGGCC
 CAGGAGATTCCTGACCTTGAAGTGTGGATGACTTCAGGCAGCCTCGGTACAGCAGCAATGGTAACCTAG
 AGACACCTTCTAAAAGGGCTCCACGAAGGGGAAAGCAGGAAAGGGCAAGAGGACGGACCTGACCACTA
 TGAACAGACTACACGACAGGTGGGAGTCTGCGAGGAGCTGGAGGAGGACTGGGTGAGGGAATATCCA
 CCTATCACTTCAGATCAACAAAGACAACCTACAAAGAAAATTTGATGCAGGTCTGCAGGAGTATAAGA
 GCTTACAGGCAGAACTAGACGACGTCAATAAAGAGCTCTCTCGTCTAGATAAAGAGCTGGATGACTACAG
 AGAGGAGAGTGAAGAGTACATGGCTGCTGCTGATGAATAAATAGACTAAAGCAAGTTAAGGGATCTGCA
 GATTATAAAAGTAAAGAGGAATTACTGCAAGCAGTTGAAGAGCAAATTATCGCACATCAAGAGGATGGTGG
 GAGATTATGACAGACGGAAACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSVRPFESPPYPDEFKPNHYAPSNDMYGEMHVRPMLSQPAYSFYPEDEILHFYKWTSPPGVIRILSM
 LIIVMCIAIFACVASTLAWDRGYGTGLFGGSLNYPYSGFYGGYGGYGGYGYGYGYTDPRAAKGFLL
 AMAAFCFIASLVIFVTSVIRSGMSRTRRYLIVIIVSAILGIMVFIATIVYIMGVNPTAQASGSMYGSQI
 YMICNQFYTPGGTGLYVDQYLYHYCVVDPQEAIAIVLGFMIIVAFALIIFFAVKTRRKMMDRYDKSNILWD
 KEHIYDEQPPNVEEWKNVSAGTQDMPPPPSDYAERVDSPMAYSSNGKVNKRSYPESFYKSTPLVPEVA
 QEIPLTSLVDDFRQPRYSNNGLETPSKRAPTKGKAGKGRTPDHYETDYTTGGESCEELEEDWVREYP
 PITSDQQRQLYKRNFDAGLQEYKSLQAELDDVNKELSRDKELDDYREESEEYMAAADEYNRLKQVKGSA
 DYKSKRNYCKQLKSKLSHIKRMVGDYDRRKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_h11.zip

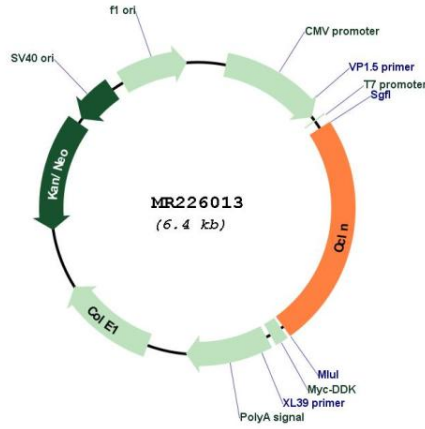
Restriction Sites:

Sgfl-Mlul

MW: 59.4 kDa

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

Product images:



Circular map for MR226013