

Product datasheet for **MC214281**

Optc (NM_054076) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Optc (NM_054076) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Optc
Synonyms:	MGC117622
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214281 representing NM_054076 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGGGGTGTCTAGCTGTCCCTGCTCTGACAGGCAGTCATCATCTCCACCAGAAGCTCCCTGGAAGC
TGCTGAGCCAGACGGAACCAAAAGCATCTAAAAGGATGTACCTCAGAGGGATTACGCCATCCCCTCTCT
ACCCCTCCCTCAGAACCTCATGAAGTTCTGGCTTTCTGAGTCTGTTGAGCTTGGTGTGCAGAAGGCA
GAGACAGCTTCTCTCTAGGGGAGAGAAAAGAGAAGAGCAGAGCCCTGAGGAAGGTGACTTACGCGT
CCCTGTATGTGGGAACCATACCCTGAGCATAGAGGACTACAACGAGGTCATTGATCTCAGCAACTATGA
AGAACTGGCAGACTATGGAGACCAGATCCCTGAGGCTAAAATAAGCAATCTGACTCTTCCAACAAGAACT
AGTCCCACTAGCACTGTGGCTCAGAAGACATTGTCACCAAACCTCACGATGGCCGTACCTACCACCACTG
GCCTACTAAACTCCCAGAGCAGTCATGGCTGCCTACCTGCCTGGTCTGTGTGTGCCTTGGCTCTTCTGT
CTACTGTGATGATGCAGACCTGGAGAACATCCCTCCTTCCCCAGATGACCACCTACCTATATGCTCGC
TTCAACCACATCAGCCACATCCAGGCTGGAGACTTCAAAGGGCTGACAAAAGCTGAGAAGGATCGACCTCT
CTGGCAACTCCATCTCTCCATCCACAACGATGCCCTCCGCTGCTGCCTGCCCTGCAGGATCTGATCCT
TCCAGAGAACCAGCTGGCAGCCCTGCCTGTGCTGCCAGTGGCATTGAGTTCTGGACGTCGCCCTGAAT
CGGCTGCAGAGCTCTGGATACAGCCTGAGGCATTCTGTGGCCTGAAGAAGCTGCAGTTTCTCTACCTGG
CCAACAACATGCTGGATTCCATCCCTGGCCTTTGCCCTCAGCCTGCGCTCTCTGCACCTGCAGAATAA
CATGATCGAGACCATGGAAGCGACACCTTCTGTGACACCGGGGAACACAGACATGAGCGCCGGCAGCTG
GAAGACATCCGCTGGACGGAAACCCCATCAACCTGAGCCTTTTCCAGAGGCCTATTTTTGCCTGCCAC
GGCTCCCTGTGGCCACTTACC**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_054076
Insert Size:	1146 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:	<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:	<u>NM_054076.3</u> , <u>NP_473417.2</u>
RefSeq Size:	1906 bp
RefSeq ORF:	1146 bp
Locus ID:	269120
UniProt ID:	<u>Q920A0</u>
Cytogenetics:	1 58.02 cM
Gene Summary:	<p>Binds collagen fibrils.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>