

Product datasheet for MC218043

Optc (BC099435) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Optc (BC099435) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Optc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC099435 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTCCTGGCTTCTCCTGAGTCTGTTGAGCTTGGTGTGCAGAAGGCAGAGACAGCTTCTCCTAG
GGGAGAGAGAAAGAGAAGAGCAGAGCCCTGAGGAAGGTGACACTTACGCGTCCCTGTATGTGGGAACCA
TACCCTGAGCATAGAGGACTACAACGAGGTCATTGATCTCAGCAACTATGAAGAACTGGCAGACTATGGA
GACCAGATCCCTGAGGCTAAAATAAGCAATCTGACTCTCCAACAAGAACTAGTCCCACTAGCAGCTGTGG
CTCAGAAGACATTGTACCAAACCTCACGATGGCCGTACCTACCACCCTGGCCTACTAACTCCCAGAG
CAGTCATGGCCTGCCTACCTGCCTGGTCTGTGTGCCTTGGCTCTTCTGTCTACTGTGATGATGCAGAG
CTGGAGAACATCCCTCCTCTTCCCAGATGACCACCTACCTATATGCTCGCTTCAACCACATCAGCCACA
TCCAGGCTGGAGACTTCAAAGGGCTGACAAAAGTGAAGGATCGACCTCTCTGGCAACTCCATCTCCTC
CATCCACAACGATGCCCTCCGCCTGCTGCCTGCCCTGCAGGATCTGATCCTTCCAGAGAACCAGCTGGCA
GCCCTGCCTGTGCTGCCAGTGGCATTGAGTTCCTGGACGTCCGCCTGAATCGGCTGCAGAGCTCTGGGA
TACAGCCTGAGGCATTCTGGTGTGAGTCAGGACATCAGTCTGCCGTACGAAGTGCACCTTCTCATGTACC
CTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	BC099435
Insert Size:	774 bp



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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:	BC099435 , AAH99435
RefSeq Size:	1030 bp
RefSeq ORF:	773 bp
Locus ID:	269120
Cytogenetics:	1 58.02 cM
Gene Summary:	Binds collagen fibrils.[UniProtKB/Swiss-Prot Function]