

Product datasheet for RN208997

Optc (NM_001107176) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Optc (NM_001107176) Rat 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: >RN208997 representing NM_001107176
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAAATCTAATTAGACACATGGATCCCTGGGCCAACTACTTGTCTCTCCCTGGCCAATAAATGAGG
 GAGTGTCTAGCTGTCCCCTAGCTGGCAGGCAGTCATCATCCCCATCAGAGTCTTTGTCTCCCTGGAAGC
 TGCTGGACCAGACGGAACCAAACTTCTAAAAGGATGTACGTGGAATGATTGAGCCGTTCCCACTCCTA
 CCCTTCCCTCAGAACCTCATGAAGTTCCTGACTTTCCTGAGTCTGTTGACCCTGGTGTGCAGGAGGCAG
 GGACAGCGTCTCTCTAGGAGAGAGAGAAGAGAAGAGAAGGCCCTGAGGAAGCTGACACTTATGCATC
 CCTGCATGTGGGAACTATAGCCTGAGCCTAGAGGACTACAGTGAAGTCATTGATCTGAGCAGCTATGAG
 GAACTTGCACTATGGGACCAGATCCCTGAGGCCAAAACAAGCAGTCCGACTTTCACCAAGAAGACTA
 GTCCCACTAGCCCTGTGGTTCCAAGGACATTGCCATCACGCCTACAATGGCCGGACCTACCACCACTGG
 ACTACTGAACTCCAGAGCAGTCACGGCCTGCCTACCTGCCTGGTCTGCGTGTGCCTTGGCTCTTCTGTG
 TACTGTGATGATGCGAACCTCGAGAACATTCTCCTCTTCCCAGATGACCACCTACCTCTACGCTCGCT
 TCAACCACATCAGCCACATCCAGGCTGGAGACTCAAAGGGATGACAAAAGCTGAGGAGGATCGATCTCTC
 CAGCAACTCCATCTCCTCCATCCACAACGATGCCCTCCGCTGCTGCCTGCCCTGCAGGATCTGATCCTT
 CCAGAGAACCAGCTGGCAGCCCTGCCTGTGCTGCCAGTGGCCTCGAGTTCCTGGACGTCGCCCTGAATC
 GGCTGCAGAGCTCAGGGATACAGCCTGAGGCCTTCGTGACGCTGGAGAAGCTGCAGTTTCTTACCTGGC
 GGACAACCTGCTGGATTCCATCCCTGGGCTTTGCCCTCAGCCTGCGCTCCCTGCACCTGCAGAGATC
 ATCAGTGTGCTGGAGCCTGGTCTTTCTGACTGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
 ACCN: NM_001107176



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Insert Size:	1086 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_001107176.1</u> , <u>NP_001100646.1</u>
RefSeq Size:	1253 bp
RefSeq ORF:	1086 bp
Locus ID:	304802
Cytogenetics:	13q13