

Product datasheet for RN209509

Mcl1 (NM_021846) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mcl1 (NM_021846) Rat Untagged Clone
Tag: Tag Free
Symbol: Mcl1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN209509 representing NM_021846

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTGGCCTTCGGAGAAACGCGGTAATCGGCTTGAACCTGACTGCGGCGGCGCTAGCCTCGGCGCG
GCGGCGGCTCTCCGGCCGGGACGCGCTGGCGGCCGAGGAGGCCAAGGCGCGGCGGAGGGGGAGGGGA
GGCCGCTCTGCTGCCCGCGCGGGTGGTCGCCCGGCCCTCCGGTGGGCGCCGAGGACCCCGACGTC
ACCGCGTCGGCAGAGAGGCGGCTGCTCAAGTCGCCCGGCCCTCTCGCGTGGCCGCTGAGGAGATGGCCG
CGTCGGCCGCGCCATCATGTCTCCCAGGAGGAGCTGGACGGCTGCGAGCCGAGGTGCTCAGCAAACG
CCCGCGGTGCTGCCCTACTGGAGCGCTGAGCGAGGCGGCTAAGAGCTCCGGAGCTGACGGCTCGCTG
CCCTCCACGCGCCCGCCCTGAGGAGGAAGACGACGAGCTGTACCGCCAGTCGCTGGAGATCATCTCCC
GCTACCTGCGGGAGCAGGCGACGGGCTCCAAGGACGCGAAGCCTCTGGGCGAGGCCGCGCAGCGGGCCG
GAGGGCGCTGGAGACCCTGCGGCGCTGGGCGACGGCTGCAGCGCAACCACGAGACGGCCTTCCAGGGC
ATGCTTCGGAACTGGACATTAACAACTGGGCGAGGATTGTACTCTATTCTTTTGGTGCCTTTGTGCCAAACA
CTTAAAGAGCATAAACCAAGAAAGCTGCATCGAACCTTTAGCAGAAAGTATCACAGACGTTCTTGAAGG
ACGAAGCGGGACTGGCTTGTAAACAAAGAGGCTGGGATGGGTTTGTGGAGTTCTCCACGTACAGGACC
TAGAAGCGGCATCAGAAATGTGCTGCTGGCTTTTGGGGTGTGCTGGAGTAGGGGCTGGTCTGGCATA
TCTAATAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_021846



Insert Size:	993 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_021846.2</u> , <u>NP_068618.2</u>
RefSeq Size:	2130 bp
RefSeq ORF:	993 bp
Locus ID:	60430
UniProt ID:	<u>Q9Z1P3</u>
Cytogenetics:	2q34
Gene Summary:	ovarian BAD-interacting protein; may inhibit apoptosis [RGD, Feb 2006]