

Product datasheet for **MC200890**

Mcl1 (BC005427) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mcl1 (BC005427) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mcl1
Synonyms:	AW556805; Mcl-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC005427
 CTCGGTCTGGAGTCGCGGCCTTCCCCGCTCCTCCCCTCAGCCTGCGGCGTCCGACCATGTTTGGCCTG
 CGGAGAAACGCGGTATCGGCTTGAACCTGTAAGTTCGCGCGGCGCCAGCCTCGGCGCGGGCGGCGTTCTC
 CGGAGGGGCGCGCTGGTGGCCGAGGAGGCCAAGGCGCGGCGCGAGGGGGAGGGGAGGCCGCCCTGCT
 GCCCGCGCGCGGGTGGTGCCTCGCCGCGCCGCCCTGGGCGCCGAGGACCCGACGTACCCGCGTCCGCC
 GAAAGGCGGCTGCATAAGTCGCCCGCCCTCCTCGCCGTGCCGCCGAGGAGATGGCCGCGTCCGCCCGC
 CGGCCATCGTGTCTCCCAGGAGGAAGTGGACGGCTGCGAGCCGAGGCGATCGGCAAGCGCCCGGCCGT
 GCTGCCCTCCTGGAGCGGTGAGCGAGGCGCAAGAGCTCCGGGCGGACGGCTCTCTGCCCTCCACG
 CCGCCCGCGCCGAGGAGGAAGAGGACGACCTATACCGCCAGTGCCTGGAGATCATCTCGCGCTACTTGC
 GGGAGCAGGCGACCGGCTCCAAGGACTCGAAGCCTCTGGGCGAGGCGGGCGGGCGGGCCGAGAGCGCT
 GGAGACCTCGGCGCGTGGGCGACGGCGTGCAGCGCAACCACGAGAGCGGCTTCCAGGGCATGCTCCGG
 AAAGTGGACATTAACGAAGGCGATGTTAAATCTTTTTCTCGAGTAATGGTCCATGTTTTCAAAGATG
 GCGTAACAACTGGGCGAGGATTGTGACTCTTATTTCTTTCGGTGCCTTTGTGGCCAAACACTTAAAGAG
 CGTAAACCAAGAAAGCTTATCGAACCATAGCAGAACTATCACAGATGTTCTTGAAGGACGAAACGG
 GACTGGCTTGTCAACAAAGAGGCTGGGATGGGTTTGTGGAGTCTTCCACGTACAGGACCTAGAAGGCG
 GCATCAGAAATGTCTGCTGGCTTTTGGCGGTGTTGCTGGAGTAGGGGCTGGTCTGGCATATCTAATAAG
 ATAGCCTTGTGAGTGAATAGGGGACTCTTAAAGTCCAGCCACCAAACTACATGCATCTGTGAAAACAT
 GTGATTTATGAAGTGGACTTGAAGTGCAGGATTTTAAACAGTCCAGTTCTACTGTAGCAACATAGC
 AAAAGAAAGTGGCTACAGGATTGTGGTAACAAGAATAAATACATGGGAAAAGTCTCCCTGGGAAGA
 GTCAGTGTCTGAATGAAGCAAAGTTCCTCTCAGCAAACACTGAGAGGCCATGGAGAAGGACTTCTAGAA
 TGAATGAAAGGGTGGATGGAAGGTTTGTATTTCTATCTAGAGATGGAAGAGGGGCCAGTATCAGGCT
 AGTCACAGAGCTCAATAAATATCCATTACTCTGCTCAGAGTGTGAGAAAGAAGCCCTAATTAACAACGT
 TGGTACTTGTGTAATAATGGATTTGTAACTACAAGTCAACAAACGATGACTAGAAGTGCAGTGTGTA
 CAGGAATGTGAAGGAGGCTCTGAGCAGTCCAGGGTGTGCTTGACAAAGTCCCAAGTGCCTCAGGACTTT
 TAGCCCTGTACTTTGGCTTGGTTGGATGATTCTTAAGTTTATTAGCCTAGTGTGGCAAAAAGTAC
 TTGACTTAAAGTTCACTAATTAGTTACAAAAGTGAACAGCCTCGATTTTTAAGAAAATTTATGAAATGTA
 TTTGTCTGTAATAATGTATATATTTTTACAGAAAGTCTATTTCTTTGAACATAAGAGGGAAGTCTTGG
 TTTAGTTTTTTCCATACCCTTTTGAATTTGCAGCTTCTAGTTAGAAATGTATTTCTTACAGCTTTT
 TAAGACTTTGTCATCCGTTCTAGTGTATATGCAGAGCCTGTTGTGTGTGGACTGGTTATAGATTTATA
 ACTATGCAGGTTAATTATCCAATTTTTTTTTGTATTTAAAGATCACAGGTAGATAGATGTAAGACAT
 TTGATCCCTGTTGACTTACAAAATTGTAATGGTAAAGCAGGCTAGAGTCTTAACCATGGTGTCTATTCA
 CTGGGTTTACTTGTAAACAAGTTTATACCTGGTGTCAATAAAACAAATATGATTTCTGTCTAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC005427

Insert Size: 996 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:

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: [BC005427](#), [AAH05427](#)

RefSeq Size: 2192 bp

RefSeq ORF: 996 bp

Locus ID: 17210

Cytogenetics: 3 40.74 cM

Gene Summary: Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 2 has antiapoptotic activity.[UniProtKB/Swiss-Prot Function]