

Product datasheet for MC202177

Bcl10 (NM_009740) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl10 (NM_009740) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bcl10
Synonyms: A1132454; BCL-10; C81403; CARMEN; cE10; CIPER; CLAP; ME10
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024379 sequence for NM_009740
 CTGATTCGCCGAGGCCGAGCCCTTAGTCTGGGCGGGGTGGCGGGCCGGAAGGACGCCATCCCGCCCT
 GGGCCATGGAGGCTCCCGCACCCTCCCTCACGGAGGAGGATTTGACTGAAGTGAAGAAGGACGCTTTAGA
 GAATTTACGTGTTTACCTGTGTGAGAAAATCATAGCTGAGAGACATTTTGATCATCTACGTGCAAAAAA
 ATACTAAGTAGAGAAGACACAGAAGAAATTTCTTGCCGAACCTCAAGTAGAAAACGGGCTGGGAAGTTGT
 TAGACTACTTACAGGAGAACCCAGGGGCTGGACACCCTGGTGGAAATCCATCCGAGGGAGAAAACACA
 GAGCTTCTGATTGAGAGATAACGGATGAGGTGCTAAAGCTTCGGAATATAAACTGGAGCACCTCAAA
 GGCCTGAAGTGCAGCAGCTGTGAGCCCTTTCAGCCGAGCCACCAACAACCTCTCTAGGTGCAATTCCG
 ATGAGAGCAATCTCTGAGAAAACAGAGAGCATCCACTGTCATGTACCACCCGGAGGGAGAGTCCAGCAC
 GGCTCCCTTCTTCTCTATGGCGTCGTCCCTGAACCTGCCAGTCTGGAAGTTGGCAGGACTGAAAACAGC
 AGCTTCTCTTTCAGCCACTCTTCTCGACCTGGGACCCTGGGGCTCCCCCTTGGCCCCAGACCTTCGGT
 TGGAAAGAGGGGGAAGTTGTGGAAACTCAAGTGAAGATGTTTCTCCCTTACGGTACGGGCTCTTTACG
 CCAATGATACATACCGCCTAGTTGTTTTACTAGTGATGCAAAATGCTGTGAAGGAGGCCATCTTTCTAT
 ACAAACCACGGTGACAGGTCACCTCACATTCGATGCGTGCCTTTAAAATCAGTGTACACATTTCTGTAAA
 TAGGATTTGTTAGGGTAAAGAAGCGCTCTGGGCGGCGTGGTGTAAATCATGGTGGTCTGACTTTTCCA
 TAATGCCTTTCTTTTTATTATTTTTAGGTGTTGCGTATTTTGAACCTTTTATAAGATTAATTTTATC
 GGAATATTTCTCAATTTGAGAAAACAACCTGTGGATTGGGAATAATGTTTTAGCACATTTATGTACAA
 ATTTTCAGTCTGATTGTTTTTCCCACTGATCTGGCAGTATATTTAGCAGTAAGCTGTTGTGTTTCAGGA
 AAGCTGGACACGGGAAAGCTGCCGACACACTCAGCAGTGTCCACTCCTTAGTTCTGAGAAGCCGTCGGG
 TTCTGAGGAGACCTGGTGGCACTGAGCCTGGTGCCTCAGTGGGCCAAAATTTGTTTTATACTACCC
 TGCCAGCGTGAGTGCTTACTTTTACAGGCCTTGTGTCCTCAGTCTTATCTTAAAGGATGTTATCTTGGC
 AGGGCATCACTTGTAAATTAATGGATGACTTGTAAATGACTAAAGTCTCGCTCTGAGCCGTTTGTCT
 GGCTCCGAGAGCGCTGACATGTGAAGCATGGTGAAGCAGGAGGAACTGACAGGATGTGGCCGTGGCCAG
 TGTGGCTTGTAGTGTGTCATCAGGCAGCCACCAGCTCCATCCGTGTTCTTACTGCTTTACAAAGTTTGC
 TAACTTTACACATTTTAAAAATGCTGATTGTCTTCGTTTAAATTAATTTTACCTATTTCTTGACATCT
 AACTCCTATTCTTTCTATTATTTAAAAATTAAGAAATGAAAATTTGCTATTAACAATAAAGTTTTTTTA
 ATGTAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_009740
Insert Size:	702 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	BC024379 , AAH24379
RefSeq Size:	1778 bp
RefSeq ORF:	702 bp
Locus ID:	12042
UniProt ID:	Q9Z0H7
Cytogenetics:	3 H2
Gene Summary:	Involved in adaptive immune response. Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK. May be an adapter protein between upstream TNFR1-TRADD-RIP complex and the downstream NIK-IKK-IKAP complex. Is a substrate for MALT1.[UniProtKB/Swiss-Prot Function]