

Product datasheet for **RN208746**

Bcl10 (NM_031328) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl10 (NM_031328) Rat Untagged Clone
Tag: Tag Free
Symbol: Bcl10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208746 representing NM_031328
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGAGGCTCCCGCCGCTCTCACGGAGGAGGACTTAACTGAAGTGAAGAAGGACGCTTTAGAGAATT
 TGCGAGTTTACCTGTGTGAGAAAAATCATAGCTGAGAGACATTTTGATCATCTACGAGCAAAAAAATTCT
 AAGTAGAGAAGACACAGAAGAAATTTCTTGCCGAACCTCAAGTAGAAAAAGGGCTGGGAAGTTGTTAGAC
 TACTTACAGGAAAACCCCAAGGGACTGGACACCCTTGTGGAATCCATTTCGAGGGAGAAAACACAGAACT
 TCCTGATTCAGAAGATAACGGATGAGGTGCTAAAGCTTCGGAATATAAACTGGAGCACCTCAAAGGCC
 GAAGTGCAGTAGCTGTGAGCCCTTCGCAGCTGGAGCCACCAACAACCTTTCTAGGTCCAATTCTGATGAG
 AGCAACTTCTCCGAGAAACAGAGACCATCCACGGTCATCTACCATCCAGAGGGAGAGTCGAGCACTGCTC
 CCTTCTTCTACCGAGTCATCCCTGAATCTGCCGGTCTGGAAGTTGGCAGGCTGGAAAACAGCAGCTT
 CTCTTCAGCCTCGCTTCTCGGCCTGGGACCCTGGGGCCCCCTTTGCCCCAGACCTGCGGTTAGAA
 GAGGGGGGAGTTGTGAAACTCAAGTGAGATGTTTCTCCCTTACGGTCACGGGCTCTTTCACGGCAGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_031328
Insert Size: 702 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:	NM_031328.1 , NP_112618.1
RefSeq Size:	1668 bp
RefSeq ORF:	702 bp
Locus ID:	83477
UniProt ID:	Q9QYN5
Cytogenetics:	2q44
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]