

Product datasheet for **MC208183**

Bcl7b (NM_009745) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl7b (NM_009745) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bcl7b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208183 representing NM_009745
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCGGCCGTTCCGGTCCGGGCCGAGACCCGTAGCCGGGCTAAAGATGACATCAAGAAGGTGATGGCGG
CCATCGAGAAAGTGCGGAAATGGGAGAAGAAATGGGTGACTGTGGGTGATACCTCCCTGAGGATATTCAA
ATGGGTGCCTGTGACAGATAGCAAGGAGAAAGAAAAGTCAAATCGAATAATACAGCAGCCCGGGAACCT
AATGGCTTTCCCTCTGACGCCTCAGCCAATTCCTCCCTCCTCCTGAATTCCAGGATGAGAACAGCAACC
AGAGCTCTGTGTCGGATGTCTATCAACTCAAGGTGGACAGCAGCACCAACTCAAGTCCCAGCCCCCAGCA
GAGCGAGTCCCTGAGCCAGCACACACTCAGACTTCCGCACTGATGACTCCCAGCCCCCACCATTGGGC
CAGGAGATCCTGGAGAACCTTCGCTGCCTGCATCTGAAGTTGCAGATGAACCTCCACACTCACAAAGG
AAGAGCCAGTGCCGGTGGAGACACAGACCACTGAGGAAGAGGAGGACTCTGGTCTCCGCCCTTGAAGAG
ATTCTGTGTGGACCAACCTGTAGTACCGCAGACCAGTCGGAAAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009745
Insert Size: 609 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).



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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_009745.2</u> , <u>NP_033875.2</u>
RefSeq Size:	1678 bp
RefSeq ORF:	609 bp
Locus ID:	12054
UniProt ID:	<u>Q921K9</u>
Cytogenetics:	5 G2
Gene Summary:	Positive regulator of apoptosis. Plays a role in the Wnt signaling pathway, negatively regulating the expression of Wnt signaling components CTNNB1 and HMGA1 (By similarity). Involved in cell cycle progression, maintenance of the nuclear structure and stem cell differentiation (By similarity). May play a role in lung tumor development or progression. [UniProtKB/Swiss-Prot Function]