

Product datasheet for **MC216430**

Bcl6b (NM_007528) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl6b (NM_007528) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcl6b
Synonyms:	Bazf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216430 representing NM_007528
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTTCCACAGCGGCCCCAGAGGGAGCTCTGGGCTACGTCCGAGAGTTCACCCGCCACTCTCCGACG
 TGCTTAGCAATCTGAATGAGCTGCGCCTGCGCGGGATCCTCACTGACGTACGCTGCTGGTTGGCGGGCA
 ACCCCTAAGAGCGCACAAAGGCAGTTCTTATCGCTTGACGTGGCTTCTTCTATTCAATTTCCGGGGCCGA
 GCGGGACTCGGGGTGGATGTACTCTCTCTGCCGGGGGGCCAGAAGCCAGAGGCTTTGCTCTTCTGG
 ACTTCATGTATACTTCAAGGCTTCGCTCTCTCCAGCCACTGCCCCAGCTGTCTCGCAGCTGCCACCTA
 TTTGCAGATGGAACACGTAGTCCAGGCGTGTACCCTTTCATCCAAGCCAGCTATGAACCTCTAGGCATC
 TCCTTGCGACCTGTGGAGGTAGAACCCCAAGACCCCAACAGTCGCTCCACCAGGCAGTCCAGGGCGT
 CAGAAGGACACCCAGACCACCTACTGAGTCTCGAAGTCGAGTCAAGGTTCCCAAGTCCAGCCAGCCC
 AGACCCCAAGGCCTGCAACTGGAAAAAATACAAATTTATTGTGCTAAATTCTCAGACCTCACAAGCAGGA
 AGCCTGGTTGGGAGAGTTCAAGTCAACCTTGTCGCCAGGCCAGGCTCCCTAGTGGAGATGAAGCCTGTA
 GCAGCAGCAGCAGAGTGAAGAAGGAACCACGCCTGGTCTCAAAGCAGACTATCTCTAGCTACTACCAC
 TGCACGATTCAAGTGTGGAGCTCTAGCAAATAACTCCTACCTCTTACACCCCGGGCTCAAGAGACTTCT
 CTGCCAGCTTCTAAGCAGGCTAATCCACCGCCAGGAAGTGAAGTTTTTCAGCTGCCAGAAGTGTGAGGCTG
 TGGCTGGGTGCTCATCGGGGCTGGAGCTTAGCTCCAGGGGACGAGGACAAGCCCTATAAATGCCAGCT
 GTGCCGATCTGCCTTCCGTTATAAGGGCAACTTGGCTAGTCACCGCACGGTGCACACAGGGGAAAAGCCC
 TACCGCTGCTCCATCTGCGGAGCACGTTTTAAACCGACCTGCTAACCTAAAAACACACAGCCGCATCCATT
 CCGGAGAGAAACCGTACAAGTGTGAGACCTGCGGCTCGCGTTTTGTTTCAGGTGGCACACACTACGCGCACA
 CGTGCTCATCCACACCGGAGAGAAGCCCTATCCGTGTCCACCTGCGGAACCCGCTTCCGCCATCTACAG
 ACCCTCAAAGCCACGTTTCGATCCACACCGGGGAGAAGCCATACCCTGTGACCCTGCGGCCTGCATT
 TTCGGCACAAGAGTCAACTGCGGCTGCATCTGCGTCAGAAACACGGGCGACTACCAACTAAAGTGC
 CTACCACATCCTCGGGGACCATAG

ACCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_007528

Insert Size: 1425 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: [BC090998](#), [AAH90998](#)

RefSeq Size: 1897 bp

RefSeq ORF: 1425 bp

Locus ID: 12029

UniProt ID: [O88282](#)

Cytogenetics: 11 B3

Gene Summary: Acts as a sequence-specific transcriptional repressor in association with BCL6. Necessary for activation of naive T-cells to antigenic stimulation. May attenuate the regulatory effect of BCL6 on antigenic activation of naive CD4 T-cells by forming a heterodimer with BCL6. [UniProtKB/Swiss-Prot Function]