

Product datasheet for **MR202424**

Bcl7c (NM_009746) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Bcl7c (NM_009746) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Bcl7c
 Synonyms: C230096E12Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR202424 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGCCGGACCGTGCGGGCCGAGACCCGGAGCCGGGCCAAAGATGACATCAAGAAGGTGATGGCGA
 CCATCGAGAAGGTCCGGAGATGGGAGAAGCGCTGGGTGACTGTGGGAGACACTTCCTTCGAATCTTCAA
 GTGGGTGCCTGTGGTGGATCCCCAGGAGGAGGAGAGGGCGGGCAGGAGCGGGGCAGAGAGATCCCGT
 GGCCGGGAGAGACGTGGTAGGGCACCAGTCCCAGAGGGGAGGCCCCCTCATCTACTGGATCTCAATG
 ATGAGAACAGCAACCAGAGTTTCCATTCTGAAGTTTCATTGCAAAGGGTCTGAGCCCAGCCCTGGGGG
 GACGCCCCAGCCAGCCGCCCTGGATCACCAACTGGACCCCAAGAGTATTACTGAAGATACTCAGCCC
 CCACAATTGGGTGAGGAGAGATCCAGGGGGACACCTGCAGGCGGTACTGATGAACCCCAAGCTGA
 CCAAGGAGGAGCCTGTTCCAGAATTGCTAGAAGCTGAGGCCCCCGAAGCTTACCCTGTCTTTGAGCCAGT
 GCCATCTGTCCCTGAGGCAGCCAGGGTGACACAGAGGACTCGGAGGGCGCCCCCACTCAAGCGCATC
 TGTCCAATGCCCTGACCCC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202424 protein sequence
Red=Cloning site Green=Tags(s)

MAGRTVRAETRSRAKDDIKKVMATIEKVRREKRWVTVGDTSLRIFKWPVVDPQEEERRRAGGGAERSR
 GRERRRGRGTSPRGGGPLILLDLNDENSNQSFHSEGLQKGAEPSPGGTPQPSRPGSPTGPPEVITEDTQP
 PQLGQERDPGGTPAGGTDEPPKLTKEEPVELLEAEAEAYPVFEPVPSVPEAAQGDTEDESEGAPPLKRI
 CPNAPDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_009746

ORF Size: 654 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_009746.2](#), [NP_033876.1](#)

RefSeq Size: 981 bp

RefSeq ORF: 654 bp

Locus ID: 12055

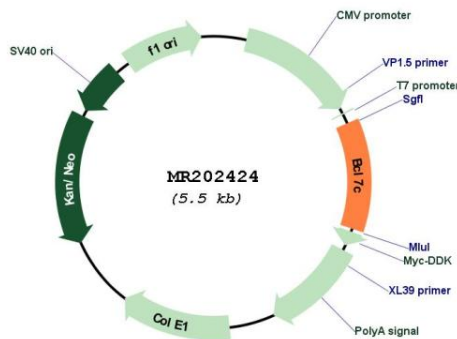
UniProt ID: [O08664](#)

Cytogenetics: 7 F3

MW: 23.4 kDa

Gene Summary: May play an anti-apoptotic role.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202424