

Product datasheet for **RC236869**

BCL7C (NM_001286526) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BCL7C (NM_001286526) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BCL7C
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC236869 representing NM_001286526 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGCCGGACTGTACGGGCCGAGACCCGGAGCCGGCCAAGGATGACATCAAGAAGGTGATGGCGA
CCATCGAGAAGGTCCGGAGATGGGAGAAGCGATGGGTGACTGTGGCGACACTTCCCTTCGTATCTTCAA
GTGGGTGCCAGTGGTGGATCCCCAGGAGGAGCGAAGGCGGGCAGGTGGCGGGCAGAGAGATCCCGT
GGCCGGGAACGTCGGGGCAGGGCGCCAGTCCCCGAGGGGGTGGCCCTCATCCTGCTGGATCTTAATG
ATGAGAACAGCAACCAGATTTCCATTCGGAAGGTTCCCTGCAAAAGGGCACAGAGCCAGTCTGGGGG
CACCCCCAGCCAGCCGCCCTGTGCACCTGCCGACCCCAAGGGTCCCTGAGGAGGCTCAGCCC
CCACGGCTGGGCCAAGAGAGAGATCCCCGGGCATAACTGCTGGCAGCACCGACGAACCCCCAATGCTGA
CCAAGGAGGAGCCTGTTCCAGAAGCTGCTGGAAGCTGAGGATTCGGGAGTGAGAATGACGAGGAGAGCCCT
TCACGAGAAGGGCTGAAGACAGAGCCCTCAGGAGGCTCCTGCCAGGAGGGGCTCCGGACAAATGTC
CGGCCAGTTCATGGCGGTGCCGACACCAGAGCTCCCGGGGAGGCAGCAAGGCCCGAGGGCACCCA
GAACAATCCCCAGGGTAAGGGGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC236869 representing NM_001286526 Red=Cloning site Green=Tags(s)
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MAGRTVRAETRSRAKDDIKKVMATIEKVRREKRWVTVGDTSLRIFKWVPVDPQEEERRRAGGGAERSR
GRERRRGASPRGGPLILLDLNDENSQSFHSEGLQKGTPEPSPGGTPQPSRPVSPAGPPEGVPEEAQP
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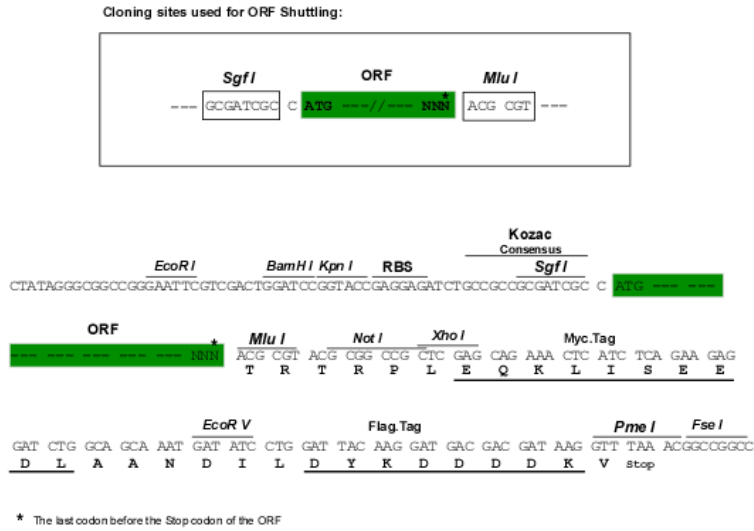
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



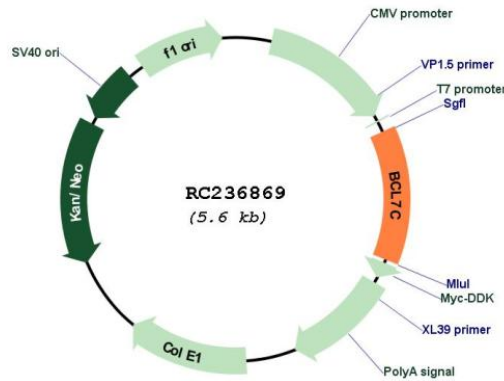
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Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286526

ORF Size: 726 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:	<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_001286526.2</u>
RefSeq Size:	1998 bp
RefSeq ORF:	729 bp
Locus ID:	9274
UniProt ID:	<u>Q8WUZO</u>
Cytogenetics:	16p11.2
MW:	26.9 kDa
Gene Summary:	This gene is identified by the similarity of its product to the N-terminal region of BCL7A protein. The BCL7A protein is encoded by the gene known to be directly involved in a three-way gene translocation in a Burkitt lymphoma cell line. The function of this gene has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]