

Product datasheet for RC210489

Bcl 7A (BCL7A) (NM 001024808) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Bcl 7A (BCL7A) (NM_001024808) Human Tagged ORF Clone

Tag: Myc-DDK

Symbol: Bcl 7A

Synonyms: BCL7

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)ORF Nucleotide>RC210489 ORF sequence

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC210489 protein sequence

Red=Cloning site Green=Tags(s)

MSGRSVRAETRSRAKDDIKRVMAAIEKVRKWEKKWVTVGDTSLRIYKWVPVTEPKVDDKNKNKKKGKDEK CGSEVTTPENSSSPGMMDMHDDNSNQSSIADASPIKQENSSNSSPAPEPNSAVPSDGTEAKVDEAQADGK EHPGAEDASDEQNSQSSMEHSMNSSEKVDRQPSGDSGLAAETSAISQDLEGVPPSKKMKLEASQQNSEEM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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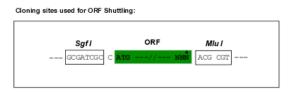


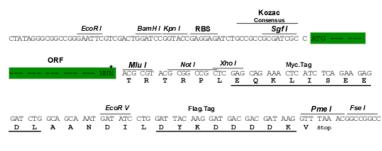
https://cdn.origene.com/chromatograms/mk6380 c11.zip **Chromatograms:**

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

NM_001024808 ACCN:

ORF Size: 630 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.

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube Components:

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 001024808.3

RefSeq Size: 3651 bp RefSeq ORF: 633 bp Locus ID: 605



UniProt ID: Q4VC05

Cytogenetics: 12q24.31

Protein Families: Druggable Genome

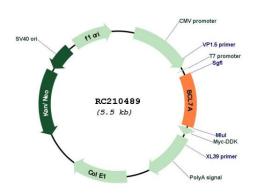
MW: 22.8 kDa

Gene Summary: This gene is directly involved, with Myc and IgH, in a three-way gene translocation in a Burkitt

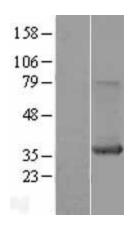
lymphoma cell line. As a result of the gene translocation, the N-terminal region of the gene product is disrupted, which is thought to be related to the pathogenesis of a subset of high-grade B cell non-Hodgkin lymphoma. The N-terminal segment involved in the translocation includes the region that shares a strong sequence similarity with those of BCL7B and BCL7C. Two transcript variants encoding different isoforms have been found for this gene. [provided

by RefSeq, Jul 2008]

Product images:

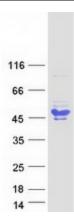


Circular map for RC210489



Western blot validation of overexpression lysate (Cat# [LY422541]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210489 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).





Coomassie blue staining of purified BCL7A protein (Cat# [TP310489]). The protein was produced from HEK293T cells transfected with BCL7A cDNA clone (Cat# RC210489) using MegaTran 2.0 (Cat# [TT210002]).