

BCL7A cDNA

Catalog Number: ATGD0326

PRODUCT INFORMATION

Catalog number

ATGD0326

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001019979.1

Alternative Names

BCL7

mRNA Refseq

NM_001024808.1

OMIM

601406

Chromosome location

12q24.13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

633bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

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BCL7A 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.

DATA

Sequence nucleotides

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ATGTCGGGCAGGTCGGTTCGAGCCGAGACGAGGAGCCGGGCCAAAGATGATATCAAGAGGGTCATGGCGGCGATCGAGA
AAGTGCGCAAATGGGAGAAGAAATGGGTGACCGTTGGTGACACATCCCTACGAATCTACAAATGGGTCCCTGTGACGGAGC
CCAAGGTTGATGACAAAAACAAGAATAAGAAAAAAGGCAAGGACGAGAAGTGTGGCTCAGAGGTGACCACTCCGGAGAAC
AGTTCCTCCCCAGGGATGATGGACATGCATGACGATAACAGCAACCAGAGCTCCATCGCAGATGCCTCCCCCATCAAACAG
GAGAACAGCAGCAACTCCAGCCCCGCTCCAGAGCCCAACTCGGCTGTGCCAGCGACGGCACCCGAGGCCAAGGTGGATGA
GGCCCAGGCTGATGGGAAGGAGCACCCAGGAGCTGAAGATGCTTCTGATGAGCAGAATTCACAGTCCTCGATGGAACATTC
GATGAACAGCTCAGAGAAAGTAGATCGGCAGCCGTCTGGAGACTCGGGTCTGGCCGCAGAGACGTCTGCAATCTCTCAGG
ATCTGGAAGGAGTGCCACCCTCTAAAAAGATGAAACTGGAGGCCTCTCAACAAAACCTCCGAAGAGATGTAG
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Transaction Sequence

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MSGRSVRAET RSRAKDDIKR VMAAIEKVRK WEKKWVTVGD TSLRIYKWVP VTEPKVDDKN KNKKKGKDEK CGSEVTPEN
SSSPGMMDMH DDNSNQSSIA DASPIKQENS SNSSPAPEPN SAVPSDGTEA KVDEAQADGK EHPGAEDASD
EQNSQSSMEH SMNSSEKVDR QPSGDSGLAA ETSAISQDLE GVPPSKMKML EASQQNSEEM
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