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Product datasheet for SC126576

BCL7C (NM_004765) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BCL7C (NM_004765) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCL7C
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC126576 sequence for NM_004765 edited (data generated by NextGen Sequencing)
ATGGCCGGCCGGACTGTACGGGCCGAGACCCGGAGCCGGGCCAAGGATGACATCAAGAAN
NNNNNNNNNACCATCGAGAAGGTCCGGAGATGGGAGAAGCGATGGGTGACTGTGGGCGAC
ACTTCCCTTCGTATCTTCAAGTGGGTGCCAGTGGTGGATCCCCAGGAGGAGGAGCGAAGG
CGGGCAGGTGGCGGGGCAGAGAGATCCCGTGGCCGGGAACGTCGGGGCAGGGGCGCCAGT
CCCCGAGGGGGTGGCCCTCTCATCCTGCTGGATCTTAATGATGAGAACAGCAACCAGAGT
TTCCATTCGGAAGGTTCCCTGCAAAAGGGCACAGAGCCCAGTCCTGGGGGCACCCCCCAG
CCCAGCCGCCCTGTGTCACCTGCCGGACCCCCAGAAGGGGTCCCTGAGGAGGCTCAGCCC
CCACGGCTGGGCCAAGAGAGAGATCCCGGGGGCATAACTGCTGGCAGCACCGACGAACCC
CCAATGCTGACCAAGGAGGAGCCTGTTCCAGAACTGCTGGAAGCTGAGGCCCCCGAAGCT
TACCCTGTCTTTGAGCCAGTGCCACCTGTCCCTGAGGCAGCCCAGGGTGACACAGAGGAC
TCGGAGGGTGCCCCCCCCACTCAAGCGCATCTGCCCAAATGCCCCTGACCCCTGA

Clone variation with respect to NM_004765.2
60 g=>n;61 g=>n;62 t=>n;63 g=>n;64 a=>n;65 t=>n;66 g=>n;67 g=>n;68 c=>n;69 g=>n

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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_004765 unedited
NGTGACGTTCGNATTTTGTAATACGACTCACTATAGGGNCGGACCGCGNAATTCAAATCC
ACAAGTTTGTACAAAAAAGCAGCTTGTAAAACGACGGCCAGTAACTATAACGGTCCTAAG
GTAGCGAGGCCTGGGTGGCGCGAGAGAGGGCGCGGCCAACTCCAGGGGGGACGGCAGGCC
AAGAGCGCGGCGCCCGGGCCTGGCGCGGAGCCTGAGCCCGCCGGACGGGAGGCGGCCCCG
CCGCGGGCTCGGCCCCGGCCCCAGCCCCGCCAGCATGGCCGGCCGGACTGTACGGGCCGA
GACCCGGAGCCGGGCCAAGGATGACATCAAGAAGGTGATGGCGACCATCGAGAAGGTCCG
GAGATGGGAGAAGCGATGGGTGACTGTGGGCGACACTTCCCTTCGTATCTTCAAGTGGGT
GCCAGTGGTGGATCCCCAGGAGGAGGAGCGAAGGCGGGCAGGTGGCGGGGCAGAGAGATC
CCGTGGCCGGGAACGTCGGGGCAGGGGCGCCAGTCCCCGAGGGGGTGGCCCTCTCATCCT
GCTGGATCTTAATGATGAGAACAGCAACCAGAGTTTCCATTCGGAAGGTTCCCTGCAAAA
GGGCACAGAGCCCAGTCCTGGGGGCACCCCCCAGCCCAGCCGCCCTGTGTCACCTGCCGG
ACCCCCAGAAGGGGTCCCTGAGGAGGCTCAGCCCCCACGGCTGGGCCAAGAGAGAGATCC
CGGGGGCATAACTGCTGGCAGCACCGACGAACCCCCAATGCTGACCAAGGAGGAGCCTGT
TCCAGAACTGCTGGAAGCTGAGGCCCCCGAAGCTTACCCTGTCTTTGAGCCAGTGCCACC
TGTCCCTNGAGCAGCCCAGGGTGACACAGAAGACTCGAAGGGGTGCCCCCCCACTCAAGCG
CATCTGCCCNAATGCCCCTGACCA
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Restriction Sites: Please inquire

ACCN: NM_004765

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: NM_004765.2, NP_004756.2

RefSeq Size: 877 bp

RefSeq ORF: 654 bp

Locus ID: 9274

UniProt ID: Q8WUZ0

Cytogenetics: 16p11.2

Domains: BCL_N

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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]
Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.

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