

Product datasheet for **SC312558**

Bcl 7A (BCL7A) (NM_020993) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl 7A (BCL7A) (NM_020993) Human Untagged Clone
Tag: Tag Free
Symbol: Bcl 7A
Synonyms: BCL7
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_020993 edited
ATGTCGGGCAGGTCGGTTCGAGCCGAGACGAGGAGCCGGGCCAAAGATGATATCAAGAGG
GTCATGGCGGCGATCGAGAAAAGTGCCAAATGGGAGAAGAAATGGGTGACCGTTGGTGAC
ACATCCCTACGAATCTACAAATGGGTCCCTGTGACGGAGCCCAAGTTGATGACAAAAAC
AAGAATAAGAAAAAGGCAAGGACGAGAAGTGTGGCTCAGAGGTGACCACTCCGGAGAAC
AGTTCCTCCCCAGGGATGATGGACATGCATGACGATAACAGCAACCAGAGCTCCATCGCA
GATGCCTCCCCATCAACAGGAGAACAGCAGCAACTCCAGCCCCGCTCCAGAGCCCAAC
TCGGCTGTGCCAGCGACGGCACCGAGGCCAAGGTGGATGAGGCCAGGCTGATGGGAAG
GAGCACCAGGAGCTGAAGATGCTTCTGATGAGCAGAATTCACAGTCTCGATGGAACAT
TCGATGAACAGCTCAGAGAAAGTAGATCGGCAGCCGTCTGGAGACTCGGGTCTGGCCGCA
GAGACGTCTGCAATCTCTCAGGTACCTCGCTCGAGGTCTCAGAGGGGCAGCCAGATCGGC
CGGGAGCCATTGGGTTGTCGGGGGATTTGGAAGGAGTGCCACCTCTAAAAAGATGAAA
CTGGAGGCTCTCAACAAAACCTCCGAAGAGATGTAG

Restriction Sites: NotI-NotI

ACCN: NM_020993

Insert Size: 2600 bp

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).

OTI Annotation: The open reading frame of this clone has been fully sequenced and found one SNP within the protein associated with this reference, NM_020993.3. This SNP doesn't change amino acid.



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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_020993.3, NP_066273.1</u>
RefSeq Size:	3714 bp
RefSeq ORF:	696 bp
Locus ID:	605
UniProt ID:	<u>Q4VC05</u>
Cytogenetics:	12q24.31
Domains:	BCL_N
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>