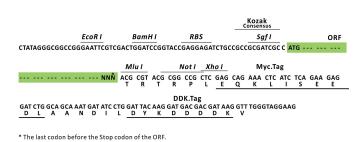


Product datasheet for RC219007L3

bcl 6 (BCL6) (NM_001706) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	bcl 6 (BCL6) (NM_001706) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	bcl 6
Synonyms:	BCL5; BCL6A; LAZ3; ZBTB27; ZNF51
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219007).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf I ORF Miu I GCG ATC GC ATG// NNN ACG CGT



ACCN: ORF Size: NM_001706 2118 bp

OriGene Technologies, Inc.

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ORIGENE bcl 6	(BCL6) (NM_001706) Human Tagged Lenti ORF Clone – RC219007L3
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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. <u>More info</u>
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	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001706.2</u>
RefSeq Size:	3537 bp
RefSeq ORF:	2121 bp
Locus ID:	604
UniProt ID:	<u>P41182</u>
Cytogenetics:	3q27.3
Domains:	BTB, zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors
MW:	78.7 kDa

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	bcl 6 (BCL6) (NM_001706) Human Tagged Lenti ORF Clone – RC219007L3
Gene Summary:	
	terminal POZ domain. This protein acts as a sequence-specific repressor of transcription, and
	has been shown to modulate the transcription of STAT-dependent IL-4 responses of B cells.

has been shown to modulate the transcription of STAT-dependent IL-4 responses of B cel This protein can interact with a variety of POZ-containing proteins that function as transcription corepressors. This gene is found to be frequently translocated and hypermutated in diffuse large-cell lymphoma (DLCL), and may be involved in the pathogenesis of DLCL. Alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Aug 2015]

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