

Product datasheet for **RR205853**

Bcl6b (NM_001108279) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl6b (NM_001108279) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bcl6b
Synonyms:	RGD1563179
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR205853 representing NM_001108279
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTTCCACAGCGGCCCCAGAGGGAGCTCTGGGCTACGTCGAGAGTTCACCCGCCACTCCTCCGACG
 TGCTTAGCAATCTGAATGAGTTGCGCCTGCGCGGATCCTCACTGACGTACGCTGCTGGTTGGCGGGCA
 ACCCTAAGAGCGCACAAAGGCAGTTCTTATTGCTTGCAAGTGGCTTCTTCTATTCAATTTCCGGGGCGA
 GCGGGAGTCGGAGTGGATGTACTCTCTGCTGGGGACCGGAAGCCAGAGGCTTCGCTCCTCTTCTGG
 ACTTCATGTATACTTCAAGGCTTCGCTTTCTCCAGCCACTGCACCAGCTGTCTGGCAGCTGCCACCTA
 TTTGCAGATGGAACACGTAGTTCAGGCATGTCACCGTTTCATCCAAGCCAGCTATGAACCTCTAGGCATC
 TCCCTGCGACCCATGGAGGCAGAACCCCAAGACCCCAACAGTCCCTCCACCAGGCAGTCCAGGGCGCT
 CAGAAGGACACCCGGACCCACTACTGAGTCTCGAAGTGCAGTCAAGGTTCCCAAGTCCAGCCAGCCC
 AGACCCTAAGGCCTGCAACTGGAATAAATAAATTTATTGTGCTAAATTCTCAGAGCTCACAAGCAGGA
 AGCCTGGCTGGGAGAGTTCTGGTCAACCTTGCCCAAGCCAGGCTCCCTAGTGGAGATGAAGCCTGCA
 GCAGCAGCAGCAGCAGCAGCAGCGAAGAAGGAGCCACTCCCGGTCTTCAGAGCAGACTATCCCTAGCCAC
 TACCACTGCACGATTTAAATGTGGAGCTTAGCGAATAACTCCTACCTCTTCACACCCCGGCTCAAGAG
 ACTTCTAAGCAGGCTCATCCGCCACCAGGAAGTGAAGTGTGAGCTGCCAGAAGTGTGAGGCTGTGGCTG
 GGTGCTCATCGGGTATCGAGCCCTTAGCTCCAGGAGATGAGGACAAGCCCTATAAATGCCAGCTGTGCCG
 ATCTGCCTTCCGTTATAAGGGCAACTTGCTAGTACCGCACGGTGCACACAGGGGAAAAGCCCTACCGC
 TGCTCCGCTGCGGAGCACGTTTTAACCGACCTGCTAACCTAAAAACACACAGCCGATCCATTCTGGAG
 AGAAACCGTACAAGTGTGAGACCTGTGGCTCGGTTTTGTTCAAGTAGCACACCTACGCGCACACGCTGCT
 CATCCACACTGGAGAGAAGCCCTATCCGTGTCCACCTGCGGAACCCGCTTCCGCCATCTACAGACCCTC
 AAAAGCCACGTTTCGATCCACACCGGGGAGAAGCCATACCACTGTGACCCCTGCGGCTGCATTTTCGGC
 ACAAGAGTCAACTACGGCTGCATCTGCGTCAGAAACACGGTGCTGCTACCAACACTAAAGTGCCTACCA
 CATCCTGGGGGACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205853 representing NM_001108279
 Red=Cloning site Green=Tags(s)

MGSTAAPEGALGYVREFTRHSSDVLNLSLNLRLRGLTDVTLVGGQPLRAHKAVLIACSGFFYSIFRGR
 AGVGVVDVLSLPGGPEARGFAPLLDFMYTSRLRLSPATAPAVLAAATYLMQEHVVQACHRFIQASYEPLGI
 SLRPMEAEP RPPTVPPPGSPRRSEGHDPPTESRSCSQGSPSPASDPKACNWKYKFI VLNLSQSSQAG
 SLAGESSGQPCPQARLPSGDEACSSSSSSSEEGATPGLQSRSLATTTARFKGALANNSYLFPPAQE
 TSKQAHPPPGECLSCQNC EAVAGCSSGIEPLAPGDEDKPYKQLCRSAFRYKGNLASHRTVHTGEKPYR
 CSVCGARFNRPANLKTSHSRIHSGEKPYK CETCGSRFVQVAHLRAHVL IHTGEKPYPCPTCGTRFRHLQTL
 KSHVRIHTGEKPYHCDPCGLHFRHKSQRLRLHLRQKHGAATNTKVRYHILGGP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001108279

ORF Size: 1416 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.

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_001108279.1](#), [NP_001101749.1](#)

RefSeq Size: 3338 bp

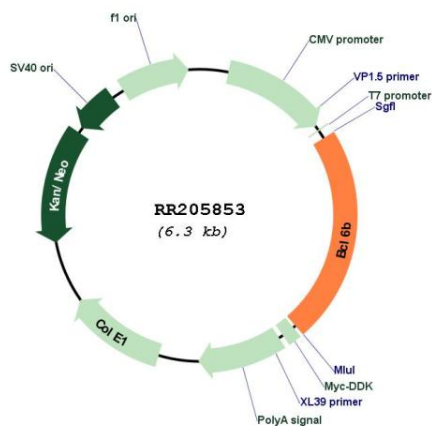
RefSeq ORF: 1419 bp

Locus ID: 360551

Cytogenetics: 10q24

MW: 50.9 kDa

Product images:



Circular map for RR205853