

Product datasheet for **RR208875**

Bcl9l (NM_001106817) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl9l (NM_001106817) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bcl9l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208875 representing NM_001106817
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGATCTGGCTACAAGACAAGGTTACCCACCCAGGAGGAGAGGGCTCCAGGGAGTCCACCGC
TGTCCTCGAGGCCACTGCCCCCTGCCCCAGCCAAGCCAATGCACCCAGAAAAATAATTGACCAATCA
TGGAAGACAGGGAATGGAGGGGCCAATCCAGCACCAGAATGTGAACCAAGGACCCACTGCAACCTG
GGCTCCAAGGGCGTGGGGCGGGGAGCCATGGGGCCAAGGCCAACAGATCTCACCCAGCAACTCAAGTC
TGAAAGACCCCAAGCAGGAGTGTCTCCTTTCAGCTCCCTCAAAGGCAAGGTGAAGCGAGAGCGGAGTGT
GTCCGTGGACTCTGGAGAGCAGCGAGAAGCCGAACTCCATCCCTGGATTGAGAGCCAAAGAGGTGGCA
CCCCGGAGTAAACGGAGGTGTGTGCTGGAGCGGAAGCAGCCATACAGTGGGGATGAATGGTGTCTGGAC
CAGACAGCGAGGAGGACGACAAGCCATTGGGGCCACCCACAATTGTAATGTAGCAGACCCAGCCATGGT
GGCCCCACAGTTGGGTCTGGCCAACTGCCAACTGCCCTCAGTGAGAACAGTGCACCCAGGCCCCCAA
CATGGCCCCCGCCAGGCCTTCGGCCAGACGTCCCTGGGGTGGGGTGGGGCGTCCCAGGAAAGCCTC
CGTCTCAGTTCGTGTACGTCTTACCACCCATCTGGCCAAACCGCGGCAGAACAGTGTACAGGGCCG
GGCAGAGTCCATCCTCGCTACCCAGCAGAAGTGGCCGGGCAAGCTGGATCAGGCCCTAAAGTG
CCACCCACCCAGAACCTACCCCTGAACACGCCATCAGCAGGTACACCACAGTCCCAGCCACCTCCGT
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CAGTCAGGACCTGGCCCCAACTCAGTGGGAGCTGCCAGCACAGGTGGTGGGACTGGGGGACCCACCCC
AACACCCCAACGGCTGCCACTGTAACAACCTCTGCCTCCTGGAGGAGACCTGGCAGTGTCTGGCT
CTGCCCTATTGGGCGAGGCCACGCCACAGGAAATGGGCAGAGGAACCTGGTGGGCTCTGAGGGCCTGTC
CAAAGAGCAGCTGGAGCACCGTGTGAGCGTCCCTCCAGACACTTCGAGACATAGAGAGGCTGCTGCTCCG
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AGGTGGCTGGCGCAAAGTGCAGGAAGAGTACTACGAGGAGAAGCGGGGAAAGAGGAGCAGATTGGATT
GCATGGGGGCCGCCCTCTGCAGGACATGGTGGGAATGGGGGCAACCAGATGCAAAGGTGCTGGCTTT



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GGAGGTATGCAGAGTATACCCATGGAAGTACCCATGAATGCCATGCAGAGACCTGTAAGGCCGGGCATGG
CCTGGAATGAAGACTTGCCCCCTATTGGGGGACCCAGCAACTTTGCCAGAAATGCTGTGCCATATCCAGG
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CACCTGGTCCCATACCCTCCCAGCAGCACCTGATGGGCAAGGCATGGCTGGCCGATGGGCGATGCGTA
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ACCCCTACCGGCTTCTGAGTTCGACTTATCCAGAATCATCCCCTCTGAGAAACCGAGCAGCACCTCC
AATACTTCCCCAAGAACGAGAACCAGCCCCCAAGGCCAGCCCCCAATCTGCACCTCATGAACCTGCA
GAACATGATGGCGGAGCAGGCCCGTCTCGGCCCCCAACCTCCCAGGCCAACAGGGGGTCCAGCGGGT
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208875 representing NM_001106817
 Red=Cloning site Green=Tags(s)

MRILANKTRLPHRRREAPGSPPLSPRGHCPPAPAKPMHPENKLTNHGKTGNGGAQSQHQNVNQPTCNL
 GSKGVGAGSHGAKANQISPSNSSLKNPQAGVSPFSSSLKGVKRERSVSVDSGEQREAGTPSLDSEAKEVA
 PRSKRRCVLERKQPYSGDEWCSGPDSEEDDKPIGATHNCNVADPAMVAPQLGPGQTAQLPLSENSAPGPQ
 HGPPPGLRPDVPGGGGGVPGKPPSQFVYVFTTHLANTA AEA VLQGRAESILAYHQNVPRAKLDQAPKV
 PPTPEPLPLNTPSAGTPQSQPPPLPPPPAPGSAPPALPQEGPPEDTSQDLAPNSVGAASTGGGTGGTHP
 NTPTAATANNPLPPGGDPGSAPGSALLGEATPTGNGQRNLVGSEGLSKEQLEHRERSLQTLRDIERLLLR
 SGETEPFLKGGPVGAVEGGPPAQAPSAAQPPSAPPPGLKYYEELQSMISQTQSLGGPPEHEVPGHPQ
 GGDMGQQMNMQRLLGQDSL TPEQVAWRKLQEEYEEKRRKEEQIGLHGGRPLQDMVGMGNQMQRVPGF
 GGMQSIPEVPMNAMQRPVVRPGMAWNEDLPIGGPSNFAQNAVYPGGQGEAERFMTPRVREELLRHQLL
 EKRSMGMRPLGMAGSGMGQSMEMERMIQTHRQMDPTMFPQGMTGGDGLAGTPMGIEFGGGRLLSPPMG
 QSGLREVDPPMPGNLNMNMNVNMNMNMLNVQMT PQQMLMSQKMRGPGDMMGPQGLSPEEMARVRAQN
 SSGMMAGPQKMLMPSQFPNQGQQGFSGGQGPYQAMPQDMGNTPDMFSPDQSSVPMGAVGTARLSHMPLPP
 ASNPPGVS VHSAPNRGLGRRPSDLTISINQMGSPGMGHLK SPTLSQVHSPLVTPSANLKSQTPSQMVPL
 PSANPPGLKSPQVLSSSL SVRSPTGSPSRLKSPSMAVSPGWV ASPKTAMPSPGVSNKQPPNLINSSS
 TLGNLEQ GALPPAGRNSSAPPANPPSSLMNPSLPFTSSPDTPSQNPLSLMMSQMSKYAMPSSTPLYH
 NAIKTIATSDELLPDRPLLPPPPPPQSGSGPISNNQPNQMHNPAQAQSPMGMLPGQQPLSHEPPPTM
 LPSTPLGNSIPLHPNAQGTGGPSQNSMMA PGGPDSLNTPCGPVSSSQMMSFPPRLQQPHGAMAATGG
 GGPG LQQHYPSGMALPPEDLPNPPGPIPSQQHLMGKGMAGRMGDAYPPGVLPGVASV LNDPELSEVIRP
 TPTGIPEFDLSRIIPSEKPSSTLQYF PKNENQPPKAQPPNHLMNLQNMMAEQAPSRPPNLPGQQVQVRG
 LSMSMCHPGQMSLLGRTGVPPQQGMVPHGLHQGVMSPPQGLMTQQNFMLMKQRGVGGEVYTPPHMLSPQ
 GSLMAPPQQNLMVSHPLRQRSVSLDSQMGYLP TPGGMANLPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

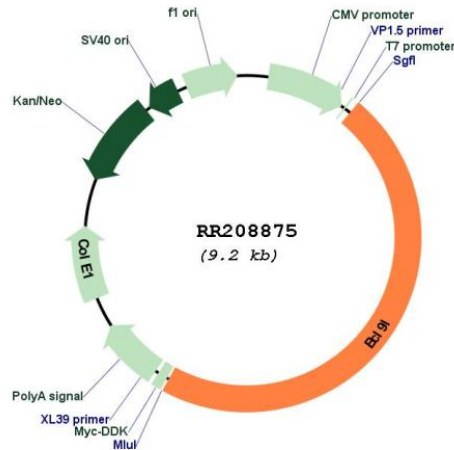
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001106817

ORF Size: 4329 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_001106817.1](#), [NP_001100287.1](#)

RefSeq Size: 5711 bp

RefSeq ORF: 4332 bp

Locus ID: 300673

Cytogenetics: 8q22

MW: 151.3 kDa