

## Product datasheet for MC224435

### Bcl9 (NM\_029933) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl9 (NM_029933) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcl9
Synonyms:	2610202E01Rik; 8030475K17Rik; A330041G23Rik; Gm130
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224435 representing NM_029933 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCATCCAGTAACCCTAAAGTGAGGAGCTCGCCATCAGGAAACACACAGAGTAGCCCTAAGTCAAAGC  
AGGAGGTGATGGTCCGTCCTCCCTACAGTGATGTCCCATCTGAAACCCAGCTGGATTCCAAATTCTC  
CAATCAGGGTAAACCGGGGGGCTCAGCCAGCCAATCCAGCCATCCCTGTGACTCCAAGAGTGGGGGC  
CATACCCCTAAAGCACTCCCTGGCCAGGTGGGAGCATGGGGCTGAAGAATGGGGCTGAAATGGTGCCA  
AGGGCAAGGGGAAAAGGGAGCGAAGTATTCGGCCGACTCCTTTGATCAGAGAGATCCTGGGACTCCAAA  
CGATGACTCTGACATTAAGAATGTAATTCGACAGCCACATCAAGTCCCAGGAGTCCCAGCACAGGCCA  
CACTCCATGACCCCGTCAACTGTACAGCCCCAGGTCTTCCACTCCCTCCCATGGCCAAACTCCTGCC  
CAGAGCCCATATCTGCTCAGAAGACGCCAGCCAAAGTGGTGTATGTGTTTCTACGGAGATGGCAAATA  
GGCTGCAGAAGCTGTACTGAAGGGCCAGGTTGAAACAATTGTCTTTCCACATCCAGAACATCTCTAAC  
AGCAAGTCAGAGAGAAGCACAGCCCCCTGAACACACAGATACCCACCCTCGGAATGATCCAAAACCTC  
TCCCACAGCAGCCTCCAGCTCCCGCAACCAGGACCAGAACTCTCCAGAAATGCCAGATGCAGCCAAC  
TCCTCCATTAGGCACCAGCACCCAAGCCTACTGCAGCCCGCGTCCCTGGACCGGGAGAGTCCCTGGG  
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GGCCAACTCAACACCCAACAATCGAGCAGTGACCCTGTCTCCAGGGGAGCAATAGCTCTTCAGCAGA  
TCCCAAAGCCCCCACCCTCCACCAGTGTCCGGTGGTGGAGCCCCCAGCTGGGAGAGAACCCTGATGGC  
CTCTCTCAGGAGCAGCTGGAGCACCGGGAACGCTCCTTACAACTCTGAGGGACATCCAGCGTATGCTTT  
TCCCTGATGAGAAGGAGTTCACAGCAGGACAAACGGGGGTCCCCAGCAGAACTGGGGTTTTAGATGG  
ACCTCAAAAAAACAGATGGGCAATACAGGCCATGATGTCTCAATCCCAAAGCCTCGGTAAGGGTCT  
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AAATGGTTCCACCTAATATGAGCTCCAGTCTGGGCCATAGGACCCGACCACCTGGACCATATGACTCC  
CGAGCAGATAGCATGGCTGAAGCTGCAGCAGGAGTTTTATGAAGAGAAGGGCGGAAACAGGAGCAGGTG  
GTCGTCCAGCAGTCTCTCCAGGATATGATGGTCCATCAGCATGGGCCCGGGGAGTGGTCCGAGGGC



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CTCCCCCTCCGTACCAGATGGCTCCTGGTGAAGGCTGGGCACCTGGGGCAGAGCCGTTTCCTGATGGTAT  
 CAACATTTCACTCTTTGCCCCCAAGGGGCATGGCTCCCCACCCCAACATGCCAGGGAGCCAGATGCGC  
 TTCCTGGGTTTGACAGGAATGATAAATTCAGAAATGGAGGGGCCAAACGTGCCAACCCGGCATCCAGAC  
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 CACCCTCAGCAGGAGTATGGTGTGGGCCAGGCCATTCTTCCCATGTCTCAGGGTCCGGGCAGCAACA  
 GTGGCTTGGCAATCTCAGAGAACCAATGGGCCCGACCAAGGACTAACAGCCGGCTCAGTCATATGCC  
 ACCACTACCTCTCAACCCTTCCAGTAACCCCACTAGCCTCAGCACAGCTCTCCAGTTCAGCGTGGCCTG  
 GGGCGGAAGCCTTTGGATATATCTGTGGCAGGCAGCCAGGTGCATTCCCCAGGCATTAACCTCTGAAGT  
 CTCGACAATGCACCAAGTCCAGTCTCAATGCTGGGCTCACCTCCGGGAACCTCAAGTCCCCTCAGAC  
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 AACATCCCGGAAGTCTTCCCTTAGCACACCTTATCCCATGCCTCCAGAGCCACCCCTTCCAGAAATC  
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 AGCATGCCAGGAATGGCATTAAATACACAGAATCCTCGAATTTCCAGTCCAAACCTGTGGTCCGATGC  
 CAACCCTCAGCCGATGGGAATGACCCAGCCACTTTCTACTCCAATCAGATGCCCTCTCCTAATGCCAT  
 GGGACCCAGCATACTCCTCATGGGGTCCCAATGGGGCCTGGCTTATGTCACACAATCCTATCATGGGA  
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 AGTCTCCTCCTCAGCAGGTTCCATTCCCTCACAATGGCCCCACTGGGGGACAAGGTAACCTCCAGGAGG  
 GATAGGTTTCCCAGGAGAAGGACCCCTTGGTCTGCCAGCAACCTGCCCAAAGTTCAGCAGATCCAGCA  
 CTTTGAAGCCTGGAGGCCAGGGCTCCTGACTCCTTACTGTCTGGGAACAGCATGCCCTCCGTGT  
 TTACAGACCCAGATCTGCAGGAGTAATCCGACCTGGAGCCACCGGAATACCTGAGTTTGTCTCTCCCG  
 CATTATCCCATCGGAGAAGCCAGCCAGACACTGCAATTTCCCTCGAGGGGAAGTCCCGGCCGCAAA  
 CAGCCACAAGGTCTGGGCTGGGTTTTACACATGCAGGGGATGATGAGCGATCAAGCCCCAAGATGG  
 GGTAGCATTACCTGGCATGGGAGGCCCGGGCCAGTAGGAACCTCCAGACATTCTCTTGGTACATCTCC  
 ATCCATGCCAGGCCACAACCCAATGAGACCACCAGCCTTCTCCAGCAAGGCATGATGGGACCTCACCAC  
 CGGATGATGTCACCAGCACAATCCACAGTGCCCGGCCAGCCACCTGATGACCAATCCAGCTGTGCTG  
 TGGGATGATTCTGGCAAGGATCGGGGGCCTGCTGGGCTCTATACCCACCCAGGGCCTGTGGTTCTCC  
 AGGCATGATGATCCATGCAAGGCATGATGGGACCCCAACAGAACATCATGATTTCCCCACAAAATGAGG  
 CCCCAGGGCATGGCTGCTGATGTGGGCATGGGTGGGTTTAGCCAAGGACCTGGTAACCCAGGAAACATGA  
 TGTTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_029933  
**Insert Size:** 4278 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_029933.4</a> , <a href="#">NP_084209.3</a>
<b>RefSeq Size:</b>	6102 bp
<b>RefSeq ORF:</b>	4278 bp
<b>Locus ID:</b>	77578
<b>UniProt ID:</b>	<a href="#">Q9D219</a>
<b>Cytogenetics:</b>	3 F2.1
<b>Gene Summary:</b>	Promotes beta-catenin's transcriptional activity. Involved in signal transduction through the Wnt pathway (By similarity).[UniProtKB/Swiss-Prot Function]