

Product datasheet for MR225726

Bcl9 (NM_029933) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl9 (NM_029933) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bcl9
Synonyms:	2610202E01Rik; 8030475K17Rik; A330041G23Rik; Gm130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225726 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCCAGTAACCCTAAAGTGAGGAGCTCGCCATCAGGAAACACACAGAGTAGCCCTAAGTCAAAGC
AGGAGGTGATGGTCCGTCCTCCCTACAGTGTGTCCTCTGAAACCCAGCTGGATTCAAATTCTC
CAATCAGGGTAAACCGGGGGCTCAGCCAGCCAATCCCAGCCATCCCCTGTGACTCCAAGAGTGGGGC
CATAACCCCTAAAGCACTCCCTGGCCAGGTGGGAGCATGGGGCTGAAGAATGGGGCTGAAATGGTGCCA
AGGGCAAGGGGAAAAGGGAGCGAAGTATTCGGCCGACTCCTTTGATCAGAGAGATCCTGGGACTCCAAA
CGATGACTCTGACATTAAGAATGTAATTCTGCAGACCACATCAAGTCCCAGGAGTCCCAGCACACGCCA
CACTCCATGACCCCGTCAACTGTACAGCCCCAGGTCTTCCACTCCCTCCCATGGCCAAACTCCTGCC
CAGAGCCCATATCTGCTCAGAAGACGCCAGCCAAAGTGGTGTATGTGTTTTCTACGGAGATGGCAAATAA
GGCTGCAGAAGCTGACTGAAGGGCCAGGTTGAAACAATTGTCTCTTCCACATCCAGAACATCTCTAAC
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TCCCACAGCAGCTCCAGCTCCCGCAACCAGGACCAGAAGCTCTCCAGAATGCCAGACTGCAGCCAAC
TCCTCCATTAGGCACCAGCACCAAGCCTACTGCAGCCCCGCTCCCTGGACCGGGAGAGTCCCTGGG
GTAGAAAACAACTGATTCCTCTGTGGCAGTCTGGGAGCTCCACTCCACTGCCCCAGATGGTACTG
GGCCAAACTCAACACCCAACAATCGAGCAGTGACCCCTGTCTCCAGGGGAGCAATAGCTCTTCAGCAGA
TCCCAAAGCCCCCACCTCCACCAGTGTCCGGTGGTGAGCCCCACGCTGGGAGAGAACCCTGATGGC
CTCTCTCAGGAGCAGCTGGAGCACCGGGAACGCTCCTTACAAACTCTGAGGGACATCCAGCGTATGCTTT
TCCCTGATGAGAAGGAGTTCACAGCAGGACAAACGGGGGTCCCCAGCAGAACTGGGGTTTTAGATGG
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GTCGTCCAGCAGTGCTCTCTCCAGGATATGATGGTCCATCAGCATGGGCCCGGGGAGTGGTCCGAGGGC
CTCCCCCTCCGTACCAGATGGCTCCTGGTGAAGGCTGGGCACCTGGGGCAGAGCCGTTTCTCTGATGGTAT
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ATCCATGCCAGGCCACAACCAATGAGACCACCAGCCTTCTCCAGCAAGGCATGATGGGACCTCACCAC
CGGATGATGTACCAGCACAATCCACAGTGCCCGGCCAGCCACCTGATGACCAATCCAGCTGTGCTG
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AGGCATGATGATGTCATGCAAGGCATGATGGGACCCCAACAGAACATCATGATTTCCCCACAAAATGAGG
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TGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225726 protein sequence
 Red=Cloning site Green=Tags(s)

MHPSNPKVRSSPSGNTQSSPKSKQEVMPRPPTVMSPSGNPQLDSKFSNQGKPGGSASQSQSPDCDSKSGG
 HTPKALPGGGSMGLKNGAGNGAKGKGRERSISADSFDRDPTGPNDDSDIKECNSADHIKSQESQHTP
 HSMTNSTATAPRSSTPSHGQTPAPEPISAQKTPAKVVVYFSTEMANKAAEAVLKGQVETIVSFHIQNISN
 SKSERSTAPLNTQIPTLRNDPKPLPQPPAPANQDNSSQNARLQPTPIQAPAPKPTAAPRPLDRES
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 LSQEQLEHRERSLQTLRDIQRMLFPDEKEFTAGQTGGPQNTGVLDGPQKPDGPIQAMMSQSLSLKGKGP
 GRPTDVGAPFGPQGHRDVPFSPDEMVPNMSSQSGPIGPDHLDHMTPEQIAWLKQQEFYEEKRRKQEQV
 VVQQCSLQDMVHGHGPRGVVRGPPPPYQMAPGEGWAPGAEPFDGINISHSLLPPRGMAPHNMPGSQMR
 LPGFAGMINSEMGNVNPASRPLSGVSWPDDVPKIPDGRNFPQGQVSGPGRGERFPNPQGLSEEM
 FQQQLAEKQLALPPGMSMEGIRPGMEMNRMIPGSRHMEPGSNIPFRIPVEGPLSPSRGDFPKGMPPQI
 GPGRELEFGMVPGGMKGEVNLNVNMGSSSQMIPQKMREAGAGPEEMMKLRPGSSEMLPAQQKMVPLPFG
 HPQQEYGVGPRPFLPMSQGPSNSGLRNLREPIGPDQRTNSRLSHMPPLPLNPSSNPTSLSTAPPVQRGL
 GRKPLDISVAGSQVHSPGINPLKSPTMHQVQSPMLGSPSNLKSPTPSQLAGMLAGPAAAAAIKSPPVL
 GSAAASPVHLKPSLPAVSPGWTSSPKPPLQSPGIPPNHKAPLTMASPALGSVSGGPPPTASQPASV
 NIPGSLPSSTPYMPPEPTLSQNPLSIMMSRMSKFAMPSSTPLYHDAIKTVASSDDDDSPARSPNLP
 SMPGMGINTQNPRI SGPNPVVMPMTLSPMGMTQPLSHSNQMPSPNAMGPSIPPHGVPMGPGMLSHNP
 IMG HGSQEPMPVPGRMGFPQGFPPVQSPQVFPFHNGPTGGQGNFPGGIGFPGEGPLGRPSNLQSSADPA
 LCKPGGPGAPDSFTVLGNSMPSVFTDPDLQEVIRPGATGIPEFDLSRIIPSEKPSQTLQYFPRGEV
 PGRK QPQGGPGGF SHMQGMSDQAPRMGLALPGMGGPGVGTDPIDPLGTSP SMPGHNPMPRPAFLQ
 QGMGPHH RMMSPAQSTVPGPATLMTNPAAAVGMIPGKDRGPAGLYTHPGVSPGMMMSMQGMMGPQ
 QNIMIPQMR PRGMAADVGMGGFSQGGPNPNNMMF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

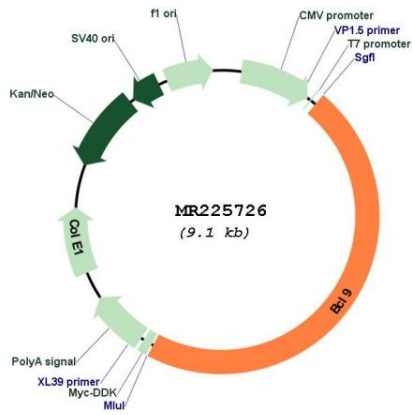


ACCN: NM_029933

ORF Size: 4278 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:	<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:	NM_029933.4 , NP_084209.3
RefSeq Size:	6102 bp
RefSeq ORF:	4278 bp
Locus ID:	77578
UniProt ID:	Q9D219
Cytogenetics:	3 F2.1
MW:	149 kDa
Gene Summary:	Promotes beta-catenin's transcriptional activity. Involved in signal transduction through the Wnt pathway (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225726