

Product datasheet for RN214182

Bcl2 (NM_016993) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl2 (NM_016993) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bcl2
Synonyms:	Bcl-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214182 representing NM_016993 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCAAGCCGGGAGAACAGGGTATGATAACCGGGAGATCGTGATGAAGTACATCCATTATAAGCTGT
CACAGAGGGGCTACGAGTGGGATACTGGAGATGAAGACTCCGCGCCCTGAGGGCTGCCCCACCCCTGG
CATCTTCTCCTCCAGCCTGAGAGCAACCGAACGCCCGCTGTGCACCGAGACACGGCTGCCAGGACGTCG
CCTCTACGGCCCTTGTGCGCAACGCTGGGCCTGCGCTCAGCCCTGTGCCACCTGTGGTCCACCTGACCC
TCCGCCGGGCTGGGGATGACTTCTCTCGTCGCTACCGTCGCGACTTTGCAGAGATGTCCAGTCAGCTGCA
CCTGACGCCCTTCACCGCGAGGGGACGCTTTGCCACGGTGGTGGAGGAACTTTCAGGGATGGGGTGAAC
TGGGGGAGGATTGTGGCCTTCTTTGAGTTCGGTGGGTCATGTGTGTGGGGAGCGTCAACAGGGAGATGT
CACCCCTGGTGGACAACATCGCTCTGTGGATGACTGAGTACCTGAACCGGCATCTGCACACCTGGATCCA
GGATAACGGAGGCTGGGATGCCTTTGTGGAACATATGGCCCCAGCATGCGACCTCTGTTTGATTCTCC
TGGCTGTCTGAAGACGCTGCTCAGCCTGGCCCTGGTGGGGCCTGCATCACTCTGGGTGCATACCTGG
GCCACAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_016993
Insert Size:	711 bp



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OTI Disclaimer:	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).
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_016993.1 , NP_058689.1
RefSeq Size:	1179 bp
RefSeq ORF:	711 bp
Locus ID:	24224
UniProt ID:	P49950
Cytogenetics:	13p11
Gene Summary:	an anti-apoptotic protein; involved in inhibiting cell death in many different cell types [RGD, Feb 2006]