

Product datasheet for **MG204804**

Bcl2l14 (NM_025778) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl2l14 (NM_025778) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bcl2l14
Synonyms:	4930452K23Rik; 4933405K19Rik; 9030625M01Rik; AI429211; Bclg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204804 representing NM_025778 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGCAGCACCAGTGTGTATGACCTGGAAGACATTCCTGGAGGATGATGATCCAAACAGCATAGAGT
TCAAAATCCTGGCCTTCTACGCCAGACACCATGTCTTCAAGAACACCCCGGCTGTCTTCGCCCAAGCT
CTCCAGAACAAAGGAGTCTGTCGAGAAAGCTCTGGGGACTTGGTCAACTGATTCTCGACACAGGTATCA
TTGCCTTGACAGAGTTCCCTCCAGCGAAAAGAATCAGCTTGGCAAGAAGAAGTCTTCTTGGAGAA
CACTCTTCAGGGTGGCCGAGAAGGAGGAAGGCCACCGAGCTCCCAAAGGAGATCCGAGCTCAGGGTCC
TCAGGGCCCTTCCCGGTAGAGCGCAGAGTGGCTTCCACAACCGACTGGCCAGGTCTCTGAGCAGT
GTGGAGCAGCGCCTGGAGAGTGAAGTTGTGGATTCCAAAGTGGCTTGTATTGCCAACAGAGTGGCTGAAA
TCGTTTACTCCTGGCCACCACAGATGTCATCCACAGCCAGGGAGGAAGCAAGCTCAAAGAGAGGGTCTC
AGAGATTCTGTACTTCAGGTTTGAAGGACCTTGTGACTCTAAGAAAGATGGAGAAGACAAATAAAGC
AAGATTGTTGAGCTGCTGAAATCTCGGGGATCAGTTGGGAAGAGAGATAAAGAAAGACAAGGCTTTGA
TGAGCAGCTTCCAGGACGGGCTGCCTACTCAACGTTCAAGACCATCACAGACCTGTTCTGAGGGACGT
GGACACCAGAGGAGAATCAGAGGTCAAAGCTCAGGGCTTCAAGGCTGCCCTTGAATAGACGCCATCGCC
AAACTCACGGCCATCGACAACCAATGAATAGAATGCTGGGCTTCCGGACCAAGTACCTAAGAGAGT
ACTTCTCCCTGGGTTACAGAGAATGGCGGATGGGAAAAAATACTTGGGATCTCACATGAAGAAGTAGA
C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204804 representing NM_025778
 Red=Cloning site Green=Tags(s)

MCSTSVYDLEDIPLDEDDPNSEIEFKILAFYARHHVFKNTPAVFSPKLSRTRLSQKALGTWSTDSWTQVS
 LPCRGSPSSEKNISLGGKKSSWRTLFRVAEKEEGPPSSPKEIRAQGPQGFPPVERQSGFHNQHWPRSLSS
 VEQRLESEVVDKVIACIANRVAEIVYSWPPPDVIHSQGGSKLKERVSEILYFRFEGPCDSKKDGEDQIIS
 KIVELLKFSGDQLGREIKKDKALMSSFQDGLSYSTFKITDILFLRDVDRGESEVKAQGFKAALAIIDAIA
 KLTAIDNHPMNRMLGFGTKYLREYFSPWVQQNGGWEKILGISHEEVD

TRTRPLE - GFP Tag - V

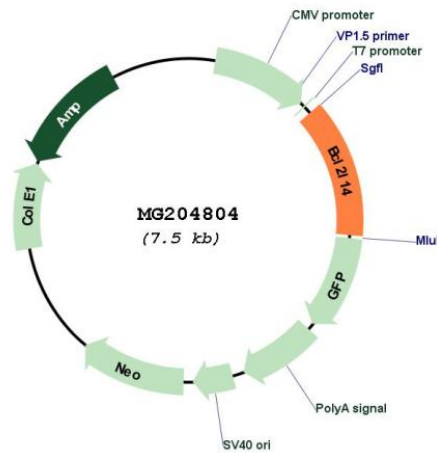
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_025778

ORF Size: 984 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_025778.1 , NP_080054.1
RefSeq Size:	2222 bp
RefSeq ORF:	987 bp
Locus ID:	66813
UniProt ID:	Q9CPT0
Cytogenetics:	6 G1
Gene Summary:	Plays a role in apoptosis.[UniProtKB/Swiss-Prot Function]