

Product datasheet for **MG206921**

Bcl2l13 (NM_153516) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl2l13 (NM_153516) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bcl2l13
Synonyms:	BCL-RAMBO; E430016C20Rik; Mil-1; Mil1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206921 representing NM_153516 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCTCTACGACTGCGTCTCTAGGATTTCACTATGAAACAAAGTACGTTGTTCTCAGCTACTTGG
GACTTCTTTCTCAGGAGAAACAACAAGGTCCCTCACCCCCAGGAGTTCACTAGATGTGGCTCCCCAGTC
TCTGAATCCAGAAGTTTTATTAACCTAAATCTGAGATTGAGGAAGAACTGAAAACCTGGACAAAGAA
GTCTCTGAAGCCTTCACCAGCACAGGCTTTGACTGTCACACCTCGCTGTGTTTAGCCCTGCTAACCCCG
AGAGCTCCATAGAAGACTGCTTGGCCCATCTTGGAGAAAGAGTGTACAAGACCTGAAGGAGCCTTTGCA
GAAAGCATTGCAGACGATCCTCAGCCAGCCAGTGACATATGAGGCATATCGTGAATGTACAGTGGAGACT
GCAGTCCATGCCAGCGGATGGAATAAGCTTTTGGTGCCTCTAGTTTTGCTACAACACCTGCTTTTGAAT
TGACGCGCCGTGGTCAAGAGCCTTTGCGTATGCTGCTCCAGTTCGGTGTGATGTACCTGGAGGAGCACGC
CGCAGAGTTTCATTCAGCAAGGTGGCTGGGGCAGTGTCTTTAGTCTTGAGCCTGAGGAGGAGGAATAC
CCGGGGATCATTGCGGAAGATAGCAATGACATTTATACTGCCAGTGACAACCTCCGGACAAGTTAGTC
CCCCTGAATCCCCGACAGTGACAACATCCTGGCAGTCGGAGAGCCTTCCCGTCTCACTGTCTGCTAGCCA
GAGCTGGCACACAGAAAGCCTCCCGGTGTCGCTCGGGCCGAGTCTGGCAGCAGATTGCAATGGACCCT
GAAGAAGTGAAGAGCTTAGACAGCAGCGGGCTGGGAGAAGAGTGAGAACAACCTGCCAATCTGACA
TCGTGCACGTGGAGAAGGAGGAGTGCAGAGGAGGCCTTCCCGGAGCGGCTGCTCCCTTGCTCACACA
GGTCCCTACCGTGGAGGCCCCAGAAATGATGAGAGCTGAGAAAACGAGCCCACTCCGTCTGTGTTTGTG
GAGCTTGGTGGAGGAGCTGGAAGCAGTAACAGCGAGACCCGAGGCTGTGGAGAGGGCGGAGGGGGCCG
CTCAGCTGAGTGAGGAGAGAGCCGGGAGCAGGAAAAAGGCCACACTGGGAGGCCCGCCGCTGTCAGGGG
GGCAAAGAGTGGCTGCCCGCCGAGGGCAAGGCCGTAAGTCTTTGGTGGGGCTGCTGCGGTGGCCATC
CTGGCAGTGGCTGTTGGAGTTGCACTGGCTTTAAGAAGAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206921 representing NM_153516
 Red=Cloning site Green=Tags(s)

MASSTTASLGFHYETKYVVL SYLGLLSQEKKQGGPSPGVQLDVAPQSLNPEVLLKPKSEIEEELKTLDK
 VSEFTSTGFDCHTSPVFSPANPESSIEDCLAHLGERVSQDLKEPLQKALQTIILSQPVTYEAYRECTVET
 AVHASGWNKLLVPLVLLQHLLEL TRRQEQELRMLLQFGVMYLEEHAAEFIIQQGGWGSVFSLEPEEEEEY
 PGIIAEDSNDIYILPSDMSGQVSPPEPTVTTSWQSESLPVLSASQSWHTESLPVSLGPESWQQIAMD
 PEEVKSLDSSGAGEKSENNSNSDIHVHVEKEEVPEEAFPGAAAPLLTQVPTVEAPEMMRAEKTSPTPSVFV
 ELGEELEAVTARPEAVERAEGAAQLSEERAGSRKKSHTGEAAA VRGAKSGLPAEGKAVLLFGGAAVAI
 LAVAVGVALALRRK

TRTRPLE - GFP Tag - V

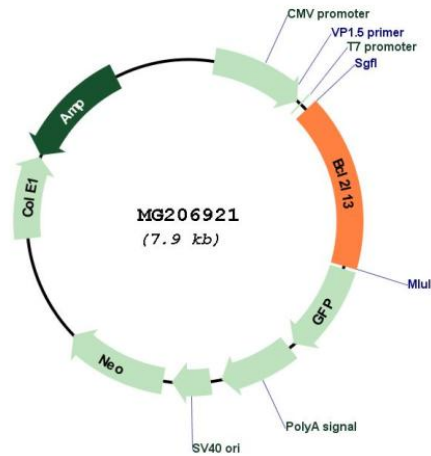
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_153516

ORF Size:	1302 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_153516.2 , NP_705736.1
RefSeq Size:	6933 bp
RefSeq ORF:	1305 bp
Locus ID:	94044
UniProt ID:	P59017
Cytogenetics:	6 57.01 cM
Gene Summary:	May promote the activation of caspase-3 and apoptosis.[UniProtKB/Swiss-Prot Function]