

## Product datasheet for MR217614

### Secisbp2l (NM\_177608) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Secisbp2l (NM_177608) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Secisbp2l
Synonyms:	3110001I20Rik; AI504340; C630011I23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217614 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCGAGCGCCGGCCGAGCAGAATGTGAAGCTCTCCGCTGAAGTGGAGCCGTTCTGTCACCAAGAAGA  
AGAATCTGGATGCCTTTGTTCTCCCATGGCTCTCCCAAGTATAATGGAAGTGTTCGGGGTGGAGCC  
AACTCCAATCCCTAGTTACCTGATTACTTGCTACCCGTTGTTCCAGGAAAACAGTCCAATAGACAATTT  
CCTTTATATAACAACGATATACGATGGCAGCAGCCAGCCCAAGTCTACCGACCCTACCTTGCCTACC  
CCATTATATCTGCTCAGCCACCTGTTTCCACAGAGTACACCTATTACCAGCTGATGCCAGCACCTGTGC  
CCAAGTTATGGGCTTCTATCATCTTTTCTACCCCTTACTCCAGCACCTTCCAGGCTGCAAACTGTG  
AATGCCATAAGCACAGAATGCACCGAGCGTCAAATCAGCTGGGGCAGGCCTTCCCGCTGTCCAGTCATC  
GGAGCAGGAATGGTAACAGAGGGCCAGTGGTGCACAAAACCGCAGCTTTTACAACAACATATAAAAAACA  
AAGACCACAGGTGAAGAATGTGGCTACTCAGAAAGAAACAAGCGCAACAGGTCTGATAGCCGATCAAAA  
ATTGTGCTTCTGGTAGATGCTTCACAGCAAACTGATTTCCCATCAGACATCGCTAATAAGTCTCTCTCGG  
AGAGCACAGCCACAATGCTCTGGAAAGCCAAAGGCAGGAGGAGAAGAGCGTCCCACCCTGCTGTAGAGTC  
CTCCAGTGAGCAGGGCGCCAGTGAAGCTGACATCGACAGCGACAGCGGCTACTGCAGTCCAAGCACAAC  
AACCACTGTCGCCAGGGGCTCTGCGCGACCCTGCCTCTGGGACCATGAACCGTTTGGAGTCATCGGGCT  
GTTGAGGTGGTGTAAACTGGCCCAAAGTAACTTGCCAGGCAACTCAGAAAAGACCTTGGATGGAAAAGAA  
CCAAGCATTTTCTAGAGGTGGAAGGCAAACTGAACAAAAGAAATAATTTACAGGTTGGATTAGATGCAGA  
GGGCACAGTACTTCTCAGAAAGAAGACAGAATTTGCAAAAGAGACAAGACAATAAGCACTTAAACTCTA  
CTCAGTCTCACAGAAGTGACCCAAATCCGAGTCTTTATATTTTGAGGATGAAGATGGGTTTCAAGAACT  
AAGTGAGAATGAAAATCTAAAGATGAGAATATCAACAGAACTTTCTTCAAAGTATTGGATGACTTA  
CCTGAGAACTCACCCATCAATATAGTTCAGACTCCGATCCCATCACCACCTCAGTTCCTAAGCGAGCCA  
AGAGTCAGAAAGAAAAAGCGTTAGCTGCAGCCCTTGCTACAGCACAGGAATACTCAGAAAATAGTATGGA  
GCAAAAAAAGTTGCAGGAAGCTCTATCAAAAGCAGCTGAAAAAAGACTAAAACCCTGTGCAGCTGGAC



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CTAGGGGACATGCTAGCTGCTCTGGAGAAGCAGCAGCAGCAATGAAGGCACGCCAGATACCAACACCA  
 GGCCGCTGGCACATCCAGTTGTACCACAGCCACTTTCCACACTAAAGACTCTAACAGAAAAGACCTTAGC  
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 GCATAGGCAGCCCAATGGCATCGTCAACGATAACCAAAATCCACAGCAAAAGATTTTCGAGAATATTGTAA  
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 AGGTGGCTCGATGAAGCCCTCTACAATGTTATAGCCATGGCCCGGAGCAAGAGATCCCTTTTGTGTTT  
 GCCCTTGAAGGAAAGCTCTGGGACGCTGTGTGAACAAGCTGGTCCCGTTAGTGTGTAGGAATCTTCA  
 ATATTTTGGTGTGAGAGCCTGTTAATAGATTAGTGGAGCTCACAGAGGAAGCCAGGAAGGCGTATAA  
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 TTTCTGAAGTCAATGAAAAGGAATATGAGACTAACTGGAGGAGCATGGTGGAGACGTCGACGGCTTGA  
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 GACACCAGCCTGGTGGTAAGCAGCTGCCGCTGGCTGCAGGCAGCATTACCTCAGACCAAGCCAGGGCA  
 AACCCACGGGTGACAAGGATGAGCTGAAGCCAGACGACCTGGAGTGGGCTCCAGCAGAGCACAGAGAC  
 CGGCTCCTTGGATGGCAGCTGCCGGATCTTTTGAACCTCCATCACCAGCACCAGCAGCTTGTGA  
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 AAGAAGTGCAGCTCAATAGTAGAATCGAGTCTGGTCTCCGAGACCCAGAGGACTATGGAGACACTGCA  
 GCTTGGCAAAGCCCTTCTGGCTCGGAGGAAGACAGTGCAGAGCAAAAGTGGAGAGGAAGCAGCGGAAGTG  
 CCCGAAGGGCTGGAGTCCGGGGCAGACAGTGTGACCTGGACTCCCGACCAGCCGCAAGCCAGCAGTA  
 ACATGGGCAAAGAGCACCTGATTCCAGTTCTCTCCCAAAGTACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR217614 protein sequence  
 Red=Cloning site Green=Tags(s)

MDRAPAEQNVKLSAEVEFPVQKKNLDAFVLPALPSDNGSVSGVEPTIPSYLITCYPFVQENQSNRQF  
 PLYNNDIRWQQSPSPPTGPYLAYPIISAQPPVSTEYTYQLMPAPCAQVMGFYHPFPTYSSTFQAANTV  
 NAISTECTERPNQLGQAFPLSSHRNRNGRGPVVPKQQLLQHIKNKRPQVKNVATQKETSATGPDSRSK  
 IVLLVDASQQTDFPSDIANKSLSESTATMLWKAKGRRRRASHPAVSSSEQGASEADIDSDSGYCSPKHN  
 NQSAPGALRDPASGTMNRLSSGCSGGVNWPKVTCQATQKRPWMEKNQAFSRGGRQTEQRNQLQVGFRCR  
 GHSTSSERRQNLQKRQDNKHLNSTQSHRSDPNSESLYFEDEDGFQELSENGNSKDENIQKLSKVLDDL  
 PENSPINIVQTPIPITTSVPKRAKSQKKKALAAALATAQEYSEISMEQKQLQEALSKAAGKTKTPVQLD  
 LGDMLAALEKQQQAMKARQITNTRPLAHPVTTATFHTKDSNRKTLAKSQPCVTSFNSLDITSSKAKKGG  
 EKEIAKLKRPTALKKVIKEREKKGRLIVEHSLVGAEEPTETHLDLTNDLPQETVQSQEDAGLSMPSDAS  
 LSPASQNSPYCMTVPVSQGSPPASSGIGSPMASSTITKIHSKRFREYCNQVLSKEIDECVTLQLQELVVFQE  
 RIYQKDPVRAKARRRLVMGLREVTKHMKLNKIKCVIISPNEKIQSKGGLDEALYNVIAMAREQEIPFVF  
 ALGRKALGRCVNKLVPSVVGIFNYFGAESL FNRLVELTEEARKAYKDMVAATEQEQAEEALRSVKTVPH  
 HMGHSRNPASAASISFCSVISEPISEVNEKEYETNWRSMVETSDGLEPSEMEKAAPCTHSPPEKPSRLAL  
 DTSLVGKQLPLAAGSITSAPSQKPTGDKDELKPDDEWASQQSTETGSLDGSRDLLNSSITSTSTLV  
 PGMLEEEDEEEEEEDYSHEPTAEVQLNSRIESWVSETQRTMETLQLGKALPGSEEDSAEQSGEEAAEV  
 PEGLESGADSETWTPDQPPKSSNMGEHPDSSSPPQST

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_177608

**ORF Size:** 3270 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:**
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\\_177608.3](#), [NP\\_808276.2](#)

**RefSeq Size:** 6797 bp

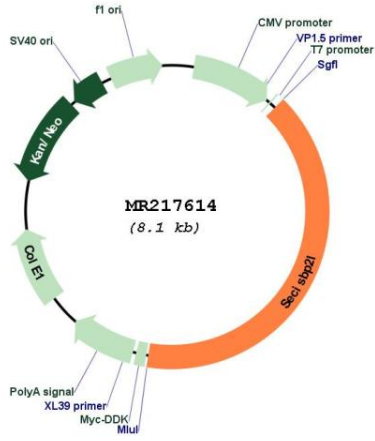
**RefSeq ORF:** 3270 bp

**Locus ID:** 70354

**Cytogenetics:** 2 F1

MW: 119.7 kDa

Product images:



Circular map for MR217614