

Product datasheet for MC224052

Sec24b (NM_207209) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec24b (NM_207209) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sec24b
Synonyms: A1605202; SEC24
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224052 representing NM_207209
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCGGCCCCCGGGTCCCCTACCCGGCCGCCGGCCCGGATGCCGCCAAGCTCGGCGGAGCTG
 TCTCCGGCTGGCACC GCCGAGCAGAAGGTCCAGCACAGAGTCCAATGCAAGTTCCATCTGGGTATGG
 GCTGCCTCATAAAATATATGGTCCCTTCAGGACATTACTCTCAAGGACCTGGGAAAATGACCTCCTTG
 CCATTGGATAGCCAGTGTGATAGTTACTACTCTCGTCCATATACAGTACCAACACAAAATTCGGGGACTC
 CCAGCTCAGCAAACCAACCAGGAGCACAGCAGATGTATGGCAGAGGTCTTCCGCTCCTCACATGGGGGG
 CTCCATGCCCGGATCTTCCAAGGAATTCAGCATCAGCATCCCATTCTATTGAGTGCCTCCCAGCCC
 TACTCCTCTCTTGGGAATCGCTACAGTAGTCTACCACGTA CTGCTGCTTCTGTTGCTTCTCAGG
 GATATCCCTCTACCTGTAGTCATTATCCCATCTCAACTGTGTCTAATGTGGTGTATCCTAATGTTTCCTA
 TCCCTCGCTGCCTGCCAGTGAGCCATATGGGCAGATGTTACCTCACAGAGTGCCTCCACCTGCCAGG
 CCAGTTAAAGAGTCATACTCTGGCCCCAGCACAGCTCTTACCTACCCCTCGAGACCTCCACCTCCACCT
 CTCAGCACAGC
 TTCTCTACCATGGTCAGGTCCAGCCCTTCCACCAGCCCAAGACAGCCTCATCCGAAACCAATGGGATCC
 TTGGCTACAGCGAACAGCCACCCAACTAATAATGAAAATGTCCAACCTCCCAAGTCAAGTCCGTAGTAT
 CCACAGTTTTGCCAGGACCCTCATCAACAAGAATGCCACCTGCTCCAAGTCAACCCAGTTGGGCTGTGCC
 CTCTGCTCCACCCCCAGAGCAGATGCAGACTAAAGGCATGCAGTATGGTGACTATGGTAATAATCAA
 GCTAGCTCCACAGCGACTCCCTTGTTCATCAGCTCCGATGATGAGGAGGAGCAGGAGGAGGATGAGGAAG
 CAGGTGTTGACAGCTCTCCACCACCAGCAGTGTTCGCCCTTGCCCAACAGTTACGATGCCTTGAAGG
 AGGCAGTACCCAGATATGCATTCTTTCAGCAAGCAGCCCTGTTCTGACCATGCCCTGGAACCCAGT
 CCCACCCTCGCCAGGCTCTGTCTGCAGCCCCACTCCCCTGCAGCTCAGCCAGCAAGGTGGCAAGC
 CTTTTGGCTATGGCTACCCAGCTCTGCAGCCTGCCTATCAGAACGCAGCACCACCACCCATGCCCGCAGC
 ACATCCCAGCGGCCAGCGTACACTGGATATCCTCAGCATTACCCAGGTGTGAACAGCTGTCTCAGGT
 CTCGGAGGACTAAGCCTGCAGAGTTCTCCACAGCCAGAAAGCCTAAGACCTGTCAACCTCACCCAGGAGA



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AAAATATTTTACCTCCAACCTCTATTTGGGCTCCTGTACCTAACCTGAGTGCAGAACTCAGCAAGTTAAA
 CTGTAGTCCAGACTCGTTTCGATGTACCTTGACCAGTATCCCCAGACACAGGCTTTACTGAATAAAGCT
 AAGCTTCCTTTAGGATTGCTGTTGCATCCCTTCAGAGACCTGACGCAATTGCCAGTGATAACCTCAAACA
 CCATCGTGAGGTGCCGGTCTGTGCGACGTACATCAACCTTTTGTGCTTCATTGATCAGCGAAGATG
 GAAATGCAACCTGTGTTATAGAGTTAATGATGTTCCAGAAGAGTTTTGTACAACCCCTGACTCGGTCT
 TACGGAGAGCCTCATAAACGGCCAGAAGTCCAGAATTCTACTGTGGAGTTCATCGCATCCTCAGACTACA
 TGCTCCGGCCTCCTCAGCCCGGTCTACTTGTGTTTTGATGTGTCTCATAACGCAGTGGAAGCTGG
 GTATTTGACAGTTTTATGCCAGTCTTATTAGAAAACCTTAGACAAGCTTCCTGGAGATTACGAACAAGA
 ATAGGATTCATGACTTTTGACAGCACCATTCACTTCTACAATCTACAAGAAGGGTTATCCCAGCCGAGA
 GTTTGATTGATCTGATATAGACGATGTTTTCTGCCACGCCGGATAGTCTGCTTGTAATCTGTATGA
 AAGCAAAGAGCTTATAAAAGACTTACTGAATGCATTACCAAGTATGTTTCATCAATACCAGAGAAACAC
 AGTGCCCTTGACCTGCACTTCAGGCTGCCTTCAAACCTCATGTCTCCACGGGCGCCGCTGTCTGTAT
 TTCAGACACAGTTACCTTCTGGGGCAGGACTTCTGCAGTCCAGAGAAGATCCGAATCAGAGGTCGAG
 TACCAAGTGGTGACCATCTTGGCCCTGCAACCGACTTTATAAGAAGCTCGCTTAGATTGCTCAGGG
 CAGCAAACCTGCAGTGGATTTGTTCTTCTAAGTTCACAGTATTCTGACCTTGCTTCTGCTGCTGATG
 CCAAGTACTCTGCAGGGTGCATATTCTACTATCCATCTTCCACTCTACCCACAATCCTTCGCAAGCAGA
 AAAGTTACAAAAAGACCTAAAACGGTACCTCACGAGGAAGATTGGATTTGAAGCTGTTATGAGAATAAGA
 TGCACTAAAGGGCTCTCAATGCACACTTCCACGGGAACCTTTTGTCCGCTCCACCGACTTACTGTCTC
 TTGCCAACATCAATCCTGATGCTGGGTTTGAGTACAGTTGTCAATCGAAGAGAGCCTGACAGATACTGC
 CTGAGTGTGCTTTCAGACAGCCCTGCTGTACACATCTAGCAAAGGCGAGCGGAGAATTCGAGTGCATACA
 CTGTGCTTGCCAGTCGTAAGTTCCTCGCTGACGTTTATGCAGGAGTGGATGTGCAAGCCGCTGTCTGCC
 TTCTCGCCAACATGGCTGTGGACCGCTCAGTGTATCGAGCCTGTCGGATGCCAGGGATGCCCTGGTGAA
 CGCTGTGGTGGATCCCTGTCTGCCTACAGCTCCGCCGTGGCAAGTGTGCCCGCTCCACCCTGACAGCA
 CCAAGCTCACTTAAGCTGCTCCACTCTATGTTTTGGCACTTCTTAAACAGAAAGCATTTAGAACAGGGA
 CAAGCACACGCCTGGATGACCGTGTCTATGCCATGTGCCAGATGAAGTCGAGCCGCTTGTGCATCTCAT
 GAAAATGATTCATCCCACTTATACAGGATAGACAGGCTGACAGACGAGGGCGCCATCCACGTGAATGAC
 AGGGTAGTACCTCAGCCACCGCTTCCAGAAGCTGTCTGCAGAGAAGCTGACCCGAGAAGGCGCTTTCCTCA
 TGGACTGCGGCTCAGTTTTCTACATTTGGGTTGGCAAAGGCTGTGACAGTAACTTCATAGAGAACGTGCT
 TGGATACCCTGACTTTGCATCAATACCACAGAAAATGACACATCTCCAGAGCTAGACACACTTCCATCA
 GAAAGAAGTACCTTTGTGACTTGGCTCAGGGACAGCCGACCGTTAAGCCCTGTCTTCACTTGGTAA
 AAGATGAGAGCCCTGCCAAAACAGACTTTTCCAGCATTTGCTTGAAGACCGCACGGAAGCCGCACTCTC
 TACTATGAGTTTCTGATTACATCCAACAGCAGGTTTGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_207209

Insert Size:

3756 bp

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:

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_207209.2](#), [NP_997092.1](#)

RefSeq Size: 4702 bp

RefSeq ORF: 3756 bp

Locus ID: 99683

Cytogenetics: 3 G3