

Product datasheet for **RN217189**

Sec23b (NM_001277235) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec23b (NM_001277235) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec23b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN217189 representing NM_001277235
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGCAACATATCTGGAATTCATTTCAGCAGAATGAAGAACGAGATGGTGTGCGTTTCAGTTGGAATGTGT
 GGCTTCTAGCCGACTTGAAGCCACAAGAATGGTTGTTCCCTTGCTTGTCTCCTCACTCCTTTAAAGA
 GCGCCAGACTTACCTCCTGTACAGTATGAACCTGTGCTTTCAGTAGGCCTACCTGCAAAGCTATTCTC
 AATCCACTTTGTCAAGTTGATTACCGAGCAAACTTTGGGCTGCAATTTCTGTTTTCAAAGAAATCAGT
 TCCCCCAGCATATGCAGGCATTTCTGAGGTGAACCAGCCTGCTGAATTGATGCCCCAGTTCTCCACAAT
 CGAGTACATGATCCAGAGAGGTGCTCGGTCCTCTGATCTTTCTCTATGTGGTTGACACGTGTTTGAA
 GAAGATGACCTTCAAGCACTCAAAGAGTCGCTGCAGATGTCTCTGAGTCTCCTTCTCCAGATGCCCTGG
 TTGGTCTTATCACTTTTGGGAGGATGGTGCAGGTTTCATGAGCTAAGCTGTGAAGGAATCTCCAAGAGCTA
 TGTCTTCCGAGGACCAAGGATTTAACTGCAAAGCAAATACAGGAGATGCTGGGCTGACCAAGTACGCT
 ATGCCTGTGCAGCAAGTCAAGACCTGGTCAACCTCAGGAGCAGTCTGCTGTTCCAGCAGATTTCTACAGC
 CCGTTCACAAGATTGACATGAACCTCACAGATCTTCTTGGGGAGCTGCAGAGGGACCCATGGCCCGTAAC
 TCAGGGGAAGAGACCACTGAGATCCACTGGTGTGCTTTGTCCATTGCTGTTGGCTGTTGGAGGGTACA
 TTCCCAAATACTGGAGCCAGGATCATGTGTTCACTGGTGGGCCCCGACCCAAGGACCTGGCATGGTGG
 TTGGAGATGAATTGAAGACTCCTATTCGTTCTGGCAGCATATTGAGAAAAGATAATGCACGGTTCATGAA
 AAAGGCAACCAAGCATTATGAGATGCTTGCTAATCGAAGTGTACAAATGGTCACTGCATTGATATTTAT
 GCTTGTGCCCTTGATCAAACCTGGACTTCTGGAGATGAAGTGTGTTCCAAATCTTACAGGAGGCCTCATGG
 TGATGGGAGACTCATTCAACACCTCTCTTCAAGCAGACCTTCCAAAGGATTTTTAGTAAAGACTTCAA
 CGGAGATTTCAGAATGGCGTTTGGTGTCTACCCTGGAAAGTCAAGACCTCTCGGGAACCTGAAGATTGCAGGT
 GCCATTGGTCCATGTGTCTCTGAATGTGAAAGGACCATGTGTGTGCAAAAATGAGCTCGGCGTTGGTG
 GCACAAGTCAGTGAAGATCTGTGGCCTGGATCCTTCGCTACTCTTGGCATCTACTTTGAAGTTGTCAA
 TCAGCACAAATGCCCGATTCCCCAGGGAGGAGGAGGTCATCCAGTTTGTCACTCAGTATCAGCATTCC
 AGCACTCAGAAGCGCATCCGAGTGACCACCATTGCCCGCAATTGGGCAGATGCACAGAGTCAGCTGAGGC
 ACATAGAAGCAGCGTTTGACCAGGAGGCTGCAGCAGTCTTGATGGCACGGCTTGGAGTGTCCGGGCAGA
 GTCAGAGGAGGGCCTGACGTGCTCCGGTGGCTGGATCGACAACCTCATCAGACTGTGTCAGAAGTTTGA
 CAGTATAACAAAGAAGACCCACGTCTTTCAGGCTGTCAGACTCCTTTTCTGTATCCTCAGTTTATGT
 TCCATCTGAGGAGATCTCCGTTTCTTCAAGTGTTTAAACAAGTCTGACGAGTGTCTATTATAGACA
 CCATTTTGCCCGCAGGATCTGACTCAGTCCCTCATCATGATCCAGCCATTCTCTACTCTTACTCCTTC
 CACGGACCCAGAGCCTGACTCCTGGACAGCAGTAGCATTCTAGCTGACAGAATTCTGCTGATGGATA
 CTTTCTTCCAAATTGTCATTTACCTTGGTGGAGACCATAGCCAGTGGCGGAAAGCTGGCTACCAGGACAT
 GCCTGAGTATGAGAACTCAAGCACCTTCTGCAGGCACCGCTGGATGATGCCCAAGAAATCTGCAAGCA
 CGCTTCCCAATGCCACGATATATCAACACAGAGCACGGTGGCAGTCAGGCTCGATTCTGTTGTCTAAAG
 TTAATCCTTCTCAGACACACAATAACCTGTATGCTTGGGACAGGAACTGGAGCGCCATCCTGACAGA
 CGATGTCAGCCTGCAGGTGTTTCATGGATCATTTGAAGAAGCTGGCTGTGTCCAGTGCCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001277235

Insert Size: 2304 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001277235.1</u> , <u>NP_001264164.1</u>
RefSeq Size:	2758 bp
RefSeq ORF:	2304 bp
Locus ID:	362226
Cytogenetics:	3q41