

Product datasheet for RN212957

Sec23b (NM_001108593) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec23b (NM_001108593) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec23b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212957 representing NM_001108593 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAACATATCTGGAATTCATTCAGCAGAATGAAGAACGAGATGGTGTGCGTTTCAGTTGGAATGTGT
GGCCTTCTAGCCGACTTGAAGCCACAAGAATGGTTGCCCTTGGCTTGTCTCCTCACTCCTTTAAAAGA
GCGCCAGACTTACCTCCTGTACAGTATGAACCTGTGCTTTCAGTAGGCCTACCTGCAAAGCTATTCTC
AATCCACTTTGTCAAGTTGATTACCGAGCAAACTTTGGCCTGCAATTTCTGTTTTCAAAGAAATCAGT
TCCCCCAGCATATGCAGGCATTTCTGAGGTGAACCAGCCTGCTGAATTGATGCCCCAGTTCTCCACAAT
CGAGTACATGATCCAGAGAGGTGCTCGGTCCCCTCTGATCTTTCTCTATGTGGTTGACACGTGTTTGGAA
GAAGATGACCTTCAAGCACTCAAAGAGTCGCTGCAGATGTCTCTGAGTCTCCTTCTCCAGATGCCCTGG
TTGGTCTTATCACTTTTGGGAGGATGGTGCAGGTTTCATGAGCTAAGCTGTGAAGGAATCTCCAAGAGCTA
TGTCTTCCGAGGGACCAAGGATTTAACTGCAAAGCAAATACAGGAGATGCTGGCCTGACCAAGTCAGCT
ATGCCTGTGCAGCAAGTCAGACCTGGTCAACCTCAGGAGCAGTCTGCTGTTTCCAGCAGATTTCTACAGC
CCGTTTACAAGATTGACATGAACCTCACAGATCTTCTTGGGAGCTGCAGAGGGACCCATGGCCCGTAAC
TCAGGGGAAGAGACCACTGAGATCCACTGGTGTGCTTTGTCCATTGCTGTTGGCTTGTGGAGGGTACA
TTCCCAAATACTGGAGCCAGGATCATGCTGTTCACTGGTGGGCCCCCGACCCAAGGACCTGGCATGGTGG
TTGGAGATGAATTGAAGACTCCTATTGCTTCTGGCAGATATTGAGAAAGATAATGCACGGTTCATGAA
AAAGGCAACCAAGCATTATGAGATGCTTGTCTAATCGAAGTGTACAAATGGTCACTGCATTGATATTTAT
GCTTGTGCCCTTGTCAAACCTGGACTTCTGGAGATGAAGTGTGTCCAAATCTTACAGGAGGCTCATGG
TGATGGGAGACTCATTCAACACCTCTCTTCAAGCAGACCTTCCAAAGGATTTTAGTAAAGACTTCAA
CGGAGATTTTCAAGATGGCGTTTGGTGTCTACCCTGGAAGTCAAGACCTCTCGGAACTGAAGATTGCAGGT
GCCATTGGTCCATGTGTCTCTGAATGTGAAAGGACCATGTGTGTCAGAAAATTTGGGCAGATGCACAG
AGTCAGCTGAGGCACATAGAAGCAGCGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108593
Insert Size:	1362 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:	<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_001108593.1</u> , <u>NP_001102063.1</u>
RefSeq Size:	2702 bp
RefSeq ORF:	1362 bp
Locus ID:	362226
Cytogenetics:	3q41