

Product datasheet for **RN203899**

Sec23a (NM_001105732) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec23a (NM_001105732) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec23a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203899 representing NM_001105732
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAACCTATTTGGAATTTATCCAACAAAATGAAGAACGAGACGGGGTCAGGTTCAAGTGGTATGTT
 GGCCATCTAGTCGCTGGAAGCTACAAGAATGGTTGTTCCAGTGGCAGCCCTGTTTACACCTTTGAAGGA
 GAGACCTGACTTACCACCCATTAGTACGAGCCTGTCCTGTGCAGTAGGACGACTTGCCGTGCAGTTTTG
 AATCCTTTATGTCAAGTTGATTACGAGCAAACTCTGGGCTTGAACCTTTTGTACCAAAGGAATCAGT
 TTCCACCTACATATGCTGGGATATCTGAATTGAACCAGCCTGCCGAGCTTTTACCCAGTTTTCAAGCAT
 TGAATATGTAGTCTGCGTGGTCCCGAGATGCCTTTGATATTTCTCTATGTGGTTGATACTGCATAGAG
 GATGAAGATTTACAGGCTCTGAAGGAATCCATGCAGATGTCGTTGAGCCTTTTACCACCTACAGCTTTGG
 TTGGCCTTATTACTTTTGGGAGAATGGTGCAGGTTTCATGAGCTTGGATGTGAAGGCATTTCAAAAAGCTA
 TGCTTTCAGAGGAACAAAGGATCTGTCTGCCAAACAACCTGCAGGAAATGCTGGGGCTCTCTAAAGTACCT
 GTTACTCAGGCCACCCGTGGTCCCTCAGGTACAGCAACCACCTCCTTCCAATAGATTTTACAGCCAGTAC
 AGAAAATAGACATGAATCTCACAGATCTTCTGGGGAACTTCAGCGAGACCCCTGGCCTGTACCACAAGG
 AAAGAGACCTTTGCGTTCCTCAGGAGTGGCGCTTTCTATAGCTGTAGGACTGCTTGAAGTGTACGTTCCCA
 AACACTGGCGCGCGGATCATGATGTTTCATTGGTGGCCCTGCTACCCAGGGGCTGGGATGGTGGTTGGAG
 ATGAGCTAAAGACACCTATAAGATCCTGGCAGCAGATTGAAAAGGACAATGCCAAATATGTTAAAAAGGG
 AACCAAGCATTTTGAAGCACTGGCTAATCGAGCTGCTACGACAGGGCATGTCATTGATATCTACGCTGT
 GCACTAGATCAGACAGGCTCTTGGAGATGAAGTGTGCCCTAACCTTACTGGAGGATACATGGTAAATGG
 GTGACTTTTCAATACCTCCTTATTCAAGCAAACTTTTCAAAGAGTCTTCAACAAAGATATACATGGCCA
 GTTAAAAATGGGCTTTGGTGGCACATTAGAGATAAAGACCTCAAGGGAAAATAAAGATTTTCAGGAGCTATC
 GGTCCCTGTGTCTCTTAATTCTAAAGACCTTGGCTGTCTGAAAATGAGATTGGAACAGGTGGCACTT
 GTCAGTGAAGATATGTGGACTTAGTCCCACTACAACCTTAGCCATATATTTTGAAGTTGTTAATCAGCA
 TAATGCTCCAATCCCAAGGAGGGCGAGGTGCAGTCCAGTTCGTGACCCAGTATCAGCACTCAAGTGGG
 CAGAGACGCATCCGAGTGACCACGATTGCTAGGAACTGGGAGATGCTCAAACCTCAGATCCAGAACATTG
 CTGCATCTTTGACCAGGAAGCAGCTGCCATTCTCATGGCTAGGTTGGCAATATACAGAGCGGAGACAGA
 GGAAGGGCCAGAGCTGCTTAGGTGGTGGATAGACAGCTCATTGACTGTGCAGAAATTTGGAGAGTAT
 CACAAAGATGATCCAATTCCTTCGGTTTTCAGAAACATTTTCCCTTTATCCACAGTTTATGTTTCATT
 TAAGAAGATCTCCCTTCTTGAAGTTTTTAAACAAGTCCTGATGAGAGTTCATACTATCGCCACCATTT
 CATGCGCCAGGATCTGACACAGTCTTAATCATGATCCAGCCATTCTGTATGCCTATTCCTTCAGTGGC
 CCACCAGAGCCGGTGTCTCTCGATAGCAGCAGCATTCTCGCAGATCGAATTTCTCCTCATGGACAGTTTT
 TCCAGATCCTGATTTATCACGGTGAAGTATAGCACAGTGGCGGAAGTCTGGATACCAGGACATGCCAGA
 ATATGAAAATTTCCGACACCTCTGCAAGCCCCAGTAGATGACGCACAAGAGATTCTTCACTCCAGATTC
 CCCATGCCGAGATACATTGACACCGAGCATGGTGGCAGCCAGGCACGTTTCTTCTTTCAAAGTCAACC
 TTTCACAGACTCATAATAACATGTATGCCTGGGGCAGGAGTCCGGAGCACAATCCTCACAGATGATGT
 TAGCTTACAAGTTCATGGATCATTGAAGAACTTGCTGTGTCAAGTGTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001105732

Insert Size: 2298 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_001105732.2, NP_001099202.1</u>
RefSeq Size:	2510 bp
RefSeq ORF:	2298 bp
Locus ID:	58817
Cytogenetics:	6q23