

Product datasheet for **MC210070**

Sec11a (NM_019951) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec11a (NM_019951) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sec11a
Synonyms: 18kDa; 1810012E07Rik; Sec11I1; sid2895; Sid2895p; Spc18
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210070 representing NM_019951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGCTGTCTCTAGACTTTCTAGACGATGTGCGCGGATGAACAAGAGGCAGCTGTACTACCAAGTCCTAA
 ATTTTGAATGATTGTCTCCTCGGCACTAATGATCTGGAAGGGCTGATGGTGATAACCGAAGTGAGAG
 TCCAATGTAGTGGTCTCAGTGGCAGCATGGAGCCTGCGTTTTACAGAGGGGATCTCCTTTTCCTCAG
 AACCGAGTTGAAGATCTATACGCGTGGGGGAGATCGTTGTTTTACAGGATAGAAGGAAGAGAGATTCTTA
 TAGTGACCGAGTCTGAAGATCCATGAAAAGCAAGATGGGCATATCAAGTTTTTAACCAAGGAGATAA
 TAATGCTGTTGATGACCGAGGTCTATAAAACAAGGACAACACTGGCTGGAGAAGAAAGATGTTGTGGGG
 AGAGCAAGAGGGTTTGTCTTACATTGGAATTGTGACGATCCTCATGAATGACTATCCTAAATTTAAGT
 ATGCAGTACTGTTCTGCTCGGTTTATTTGTGCTGGTCCATCGTGAG**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_019951

Insert Size: 540 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).



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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_019951.1</u> , <u>NP_064335.1</u>
RefSeq Size:	1113 bp
RefSeq ORF:	540 bp
Locus ID:	56529
UniProt ID:	<u>Q9R0P6</u>
Cytogenetics:	7 D3
Gene Summary:	Component of the microsomal signal peptidase complex which removes signal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]