

Product datasheet for RN212375

Sec11c (NM_153628) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec11c (NM_153628) Rat Untagged Clone
Tag: Tag Free
Symbol: Sec11c
Synonyms: Sec11I3; Spc21
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212375 representing NM_153628
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTCGTGCGGGCGCCGTGGGGACGCATCTCCCACGTCCAGCCTGGACATCTTTGGGGACTTGAGGA
AGATGAACAAACGACAGCTTTACTACCAGGTCTAAACTTTGCCATGATTGTGTCTTCTGCGCTCATGAT
ATGGAAAGGCTTAATTGTGCTCACGGGCAGTGAGAGTCCCATCGTGGTGGTACTGAGTGGCAGTATGGAG
CCGGCCTTTCACAGGGGAGATCTGCTGTTCCCTCACAATTTCCGGGAGGATCCCATCAGAGCTGGTGAAA
TAGTTGTTTTTAAAGTTGAAGGAAGAGACATCCGATAGTTCACAGAGTAATCAAGGTTTCATGAAAAAGA
TAATGGAGACATCAAGTTTCTGACTAAAGGAGATAATAATGAAGTTGATGATCGAGGCTTGACAAAGAA
GGCCAGAACTGGCTGGAGAAGAAGGACGTGGTAGGAAGAGCTCGAGGGTTCTTACCATATGTTGGCATGG
TCACCATTATAATGAACGACTATCCTAAGTTCAAGTACGCTCTTGTGGCTGTGATGGCGGCATACGTGTT
ACTGAAACGTGAATCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153628
Insert Size: 579 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_153628.2</u> , <u>NP_705892.1</u>
RefSeq Size:	677 bp
RefSeq ORF:	579 bp
Locus ID:	266758
UniProt ID:	<u>Q9WTR7</u>
Cytogenetics:	18q12.1
Gene Summary:	human homolog is a subunit of the signal peptidase complex, which cleaves the signal sequences of secretory and membrane proteins [RGD, Feb 2006]