

## Product datasheet for **SC331006**

### SEC11A (NM\_001271920) Human Untagged Clone

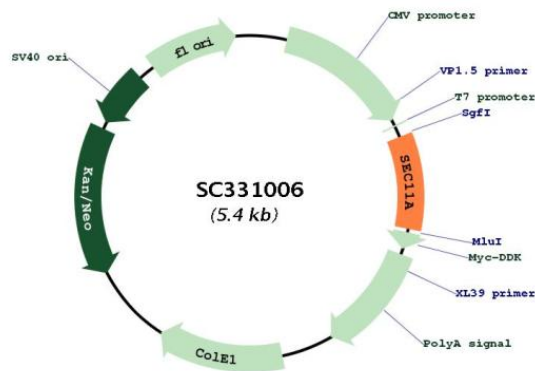
#### Product data:

Product Type:	Expression Plasmids
Product Name:	SEC11A (NM_001271920) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC11A
Synonyms:	1810012E07Rik; SEC11L1; sid2895; SPC18; SPCS4A
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331006 representing NM_001271920. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCTGTCTCTAGACTTTTTGGACGATGTGCGCGGATGAACAAGCGGCAGCTCTATTATCAAGTCCTA  
AATTTTGGAAATGATTGTCTCATCGGCACTAATGATCTGGAAGGGTTAATGGTAATACTGGAAGTGAA  
AGTCCGATTGTAGTGGTCTCAGTGGCAGCATGGAACCTGCATTTTCATAGAGGAGATCTTCTTTCTA  
ACAAATCGAGTTGAAGATCCCATACGAGTGGGAGAAAATTGTTGTTTTAGGATAGAAGGAAGAGAGATT  
CCTATAGTTCACCGAGTCTTGAAGATTCATGAAAAGCAAATGGGCATATCAAGTTTTTGACCAAAGGA  
GATAATAATGCGTTGATGACCGAGGCCTATAAACAAGGACAACATTGGCTAGAGAAAAAAGATGTT  
GTGGGGAGAGCCAGGGGATTTATCAGGAGAACAGTTCAGTGGAGGACAGGAATTATTTGTTCTTATA  
TTGGAATTGTGA

Restriction Sites: SgfI-MluI

Plasmid Map:



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<b>ACCN:</b>	NM_001271920
<b>Insert Size:</b>	495 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001271920.1</a>
<b>RefSeq Size:</b>	1462 bp
<b>RefSeq ORF:</b>	495 bp
<b>Locus ID:</b>	23478
<b>UniProt ID:</b>	<a href="#">P67812</a>
<b>Cytogenetics:</b>	15q25.2-q25.3
<b>Protein Families:</b>	Druggable Genome, Protease, Transmembrane
<b>Protein Pathways:</b>	Protein export
<b>MW:</b>	19 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the peptidase S26B family. The encoded protein is an 18kDa subunit of the signal peptidase complex and has been linked to cell migration and invasion, gastric cancer and lymph node metastasis. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8. [provided by RefSeq, Dec 2012]</p> <p>Transcript Variant: This variant (4) uses two alternate exons in the central coding region which results in a frameshift and an early stop codon, compared to variant 1. The encoded isoform (4) is longer and has a distinct C-terminus, compared to isoform 1.</p>