

## Product datasheet for **SC118235**

### SECTM1 (NM\_003004) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SECTM1 (NM_003004) Human Untagged Clone
Tag:	Tag Free
Symbol:	SECTM1
Synonyms:	K12; SECTM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC118235 sequence for NM_003004 edited (data generated by NextGen Sequencing)

```
ATGCAGACCTGCCCCCTGGCATTCCCTGGCCACGTTTCCAGGCCCTTGGGACCCTCCTG
TTTTTGGCTGCCTCCTTGAGTGCTCAGAATGAAGGCTGGGACAGCCCATCTGCACAGAG
GGGGTAGTCTCTGTGTCTTGGGGCGAGAACACCGTCATGTCCTGCAACATCTCCAACGCC
TTCTCCCATGTCAACATCAAGCTGCGTGCCACGGGAGGAGAGCGCCATCTTCAATGAG
GTGGCTCCAGGCTACTTCTCCCGGGACGGCTGGCAGCTCCAGGTTCCAGGGAGGCGTGCA
CAGCTGGTGATCAAAGGCGCCCGGGACTCCCATGCTGGGCTGTACATGTGGCACCTCGTG
GGACACCAGAGAAATAACAGACAAGTCACGCTGGAGGTTTCAGGTGCAGAACCCAGTCC
GCCCCGACACTGGGTTCTGGCCTGTGCCAGCGGTGGTCACTGCTGTCTTCATCCTCTTG
GTCGCTCTGGTCATGTTCCGCTGGTACAGGTGCCGCTGTTCCAGCAACGCCGGGAGAAG
AAGTTCTTCTCCTAGAACCCAGATGAAGGTCGAGCCCTCAGAGCGGGAGCCAGCAG
GGCCTGAGCAGAGCCTCCGCTGAACTGTGGACCCAGACTCCGAGCCACCCCAAGGCCG
CTGGCACTGGTGTCAAACCCCTACCACTTGGAGCCCTGGAGCTGCTGTCCCCCAACCC
TTGTTTCCATATGCCGAGACCCATAG
```

Clone variation with respect to NM\_003004.2



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_003004 unedited  
 GGGGGNNNNGGGGNNNANNNNNNTTCTCCCCCCCCCGTTCCANNATTTGTNATACAAC  
 TCATTAAGGCGGCGGNATATCGCACGAGCGGACCCGGNGTGTTCAGACCATGACAG  
 GACCAGGGCCCAAGTCCCACCAGCCATGCAGACCTGCCCCCTGGCATTCCCTGGCCACGT  
 TTCCCAGGCCCTTGGGACCCTCTGTTTTTGGCTGCCTCCTTGAGTGCTCAGAATGAAGG  
 CTGGGACAGCCCCATCTGCACAGAGGGGTAGTCTCTGTGTCTTGGGGCGAGAACCCTG  
 CATGTCTGCAACATCTCCAACGCCTTCTCCCATGTCAACATCAAGCTGCGTGCCACGG  
 GCAGGAGAGCGCCATCTTCAATGAGGTGGCTCCAGGCTACTTCTCCCGGACGGCTGGCA  
 GCTCCAGGTTTCAAGGAGGCGTGGCACAGCTGGTATCAAAGGCGCCCGGACTCCCATGC  
 TGGGCTGTACATGTGGCACCTCGTGGGACACCAGAGAAATAACAGACAAGTCACGCTGGA  
 GGTTCAGGTGCAGAACCCAGTCCGCCCCGACACTGGGTTCTGGCCTGTGCCAGCGGT  
 GGTCACTGCTGTCTTATCCTCTTGGTCGCTCTGGTCATGTTTCGCTGGTACAGGTGCCG  
 CTGTTCCAGCAACGCCGGGAGAAGAAGTTCTTCTCCTAGAACCCAGATGAAGTTCGC  
 AGCCCTCAGAGCGGGAGCCAGCAGGGCCTGAGCAGAGCCTCCGCTGAACGTGGACCCC  
 AGACTCCGAGCCACCCCAAGCCGCTGGCACTGGTGTCAAACCTCACACTTGGAGCCC  
 TGGAGTCTGTCCCCAACCTGTTTNTATGCCGACAGCCATAGCCGCTGCAAGGC  
 ANANAGGA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_003004 unedited  
 AAGACCTAGGGTTGGCACTCACCTTGCCAGGNANAGCACTGGGGNNGGGTCCACAGGATG  
 CCACCCGGGATCTGTTCCAGGAACAGCTATGACCGCGCCCAATCTATAGTCGAGTTTTT  
 TTTTTTTTTTTTTTGGAGGTTTGGAGTCGGTTTGTTCCTTTCATTTAGATATTCGAGT  
 CATGGAACTTTTCAAAGAACTGAAGGGGATTCCCGGTGATTTTTCCACCCATACAGA  
 TGAAGACATCAAAGGGCCCCGCCGAGTACGAACACAAAAGCCTGAACAGATCTGGGTC  
 CAAAGAGGCTCGGCAGGTGCGGTGGGCACGAGGGAGCGACCCCGGGTGGCCGAGGGACT  
 GAGGGATGCGCGACCATCCCCGGAGGGCACCGTCCAACCTGACCCCCAGCCGAGCCGC  
 CGTCTCCGCTCCAAAGCCGGCTGCGCTGCCCCCTGGGGTGGGGCCAGGAGCCCTCCC  
 AGCCTTAACCCCGATCCCAACTATGTCCCGGGGCTTGCCGGTGAAGGGCCCCAAAT  
 CCTGGTTATGTCAAGGCAAGGTGTGTTGGCCTTGGCCACCCATCCCCTAACTTGTGTGG  
 TTTCCGGGCTCCCGGGAGGGCCCTCTTTTGGGCCGCTCCCGGAGCGGTAATAACCGC  
 ACCCACCTGGTGGCCACTCATCCTGGCGACTTAAAGGGATCCCTCGCTCGTATCTCTC  
 GAATCCCCAGGGTGGCGCTTCGCTCTCGGTAACCAAGGACCCGGCAAAGAGAAGGGTTT  
 TTTTCGGCCCCACATGTAGACCCCTTATCCACCTTCGGCGCGGAGCAAAAAGCGCTCA  
 AACATTCAATGACCCCCCTATTTCTTATGTATAGCCGAGGGGGTCCGGTGTGTGTAA  
 CGGAGCGAGAGTGGCGCCCGTCACTACTTGGTATAGACACGGGTGTTGGTT

**Restriction Sites:**

ECORI-NOT

**ACCN:**

NM\_003004

**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:**

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:** [NM\\_003004.1](#), [NP\\_002995.1](#)

**RefSeq Size:** 2000 bp

**RefSeq ORF:** 747 bp

**Locus ID:** 6398

**UniProt ID:** [Q8WVN6](#)

**Cytogenetics:** 17q25.3

**Protein Families:** Secreted Protein, Transmembrane

**Gene Summary:** This gene encodes a transmembrane and secreted protein with characteristics of a type 1a transmembrane protein. It is found in a perinuclear Golgi-like pattern and thought to be involved in hematopoietic and/or immune system processes. [provided by RefSeq, Jul 2008]