

## Product datasheet for **SC209881**

### **SEC24B (NM\_006323) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	SEC24B (NM_006323) Human 3' UTR Clone
Symbol:	SEC24B
Synonyms:	SEC24
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006323
Insert Size:	1251 bp



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**Insert Sequence:** >SC209881 3'UTR clone of NM\_006323  
 The sequence shown below is from the reference sequence of NM\_006323. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTCATGTTCCAGCAGCAGATTTGTAAGTGAAGTAGAATAAAATTGAATAAGAAAAAGATCTATAACCTA
GGTAAAGCATAATCTGTCTAGAGAAGCGCGTGAGAAATTTGAAATGAAGGCATTTGTTAATACAAGATGC
AACGCACAGCACTCTGTCTGAGGCTTTGGTAAAAAGTAAAGGGGAAGAAAGAAGTACAGATCTTTTT
CAACTCAAATTAATGGTAACGATGATGCTGTTCCACCAAGTATATTTGAATTGGTTTCTACACATTTT
CAGTAGTATGGCAGTACAGTCTGTTTTCATTGCAAGCTGGCAAATTTATGTAGCTATGTGGAATGATA
TGTCATAATGTAAAATTAGATAAATTTCTTTTCTTATAATTAATAACATTTCTGGACTTGAAGTCT
GGCAAGAGATGCCAAAAGGCATTGGTACCGTGTATTTGTTTATGAATTACTTTTTAACAGGAATG
TTTCTTATTCATTAATGAATCAACATTTTCTCTGTAAAAACAATAGAGTTTCAGTACATGAACTATA
GAAAAAATCTATATATAATGTACATAAATGTTACATTTGTAAAGAAAATGTAAAATGTAAGTAACTATAGC
ATATGAATTGCTTAAACTGTGCTGCATTGTTGGATGACAACCTTTTTTGTACAGTTAGAGAATGAGGT
TGACTAATGCATATTATGAATTGAGTCCACAAAGGAACACAAAACCTTTTGAATTCTGTTAAATCTTT
TATGTAGATTTATTTATGATCAGCCTACTAATTAATAACTATTTTCGCTTGACAGTATGGTTTGGTGATTT
TTTGGGTTTTTTGTTGATTGGTTTTTTTGGGGATTGGTGGGTTTTTTTACATACAGGATGTATTGAA
TTTACTAATTGGGGAAGTGCAGTGATACTGCATTTAGTATAGTAAATATATGAATCAGGCCAGGCGCG
GTGGCTCAGCCTGTAATCCCAGCGCTTTGGGAGGCCAAGGTGGGCGAGTACTTGAGGTGAGGTGTTT
ATGACCTGCCTGACCAACATGATGAAACCCCATCTCTGCTAAAAATACAAAATAGCCAGGGGTGCTG
CGGGCAGCCTGTAATCCCAGCTACTCAGGAGGCTGAAGCAGTAGAATCGCTTGAACCTGGAGGCTGAGG
TTGCAGTGAGCTAAGATCACGCCACTGCACTCCAGCCTGGGCAACAGAGTGAGACTCCATCTTAAAAAA
AAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_006323.5](#)

**Summary:** The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein is thought to be a cargo-binding component of the COPII vesicle, and is thought to be involved in the transport of secretory proteins from the endoplasmic reticulum to the Golgi apparatus. Mutations in this gene have been associated with neural tube defects, and are thought to be a result of a disruption in interactions with the protein encoded by the VANGL planar cell polarity protein 2 (VANGL2) gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

Locus ID: 10427

MW: 47.9