

## Product datasheet for **SC329642**

### SEC22C (NM\_001201584) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SEC22C (NM\_001201584) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SEC22C  
**Synonyms:** SEC22L3  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329642 representing NM\_001201584.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGTCCGTGATCTTTTTGCCTGCGTGGTACGGGTAAGGGATGGACTGCCCTCTCAGCCTCTACTGAT
TTTACCACACCCAAGATTTTTGGAATGGAGGAGACGGCTCAAGAGTTAGCCTTGCGACTGGCCAG
TATCCAGGTCGAGGTTCTGCAGAAGTTGTGACTTTAGTATACATTTTCTTCTTTCGGGACGTGGCC
TGCATGGCTATCTGCTCCTGCCAGTGTCCAGCAGCCATGGCCTTCTGCTTCTGGAGACCCTGTGGTGG
GAATTCACAGCTTCCTATGACACTACCTGCATTGGCCTAGCCTCCAGGCCATACGCTTTTCTTGAGTTT
GACAGCATCATTAGAAAGTGAAGTGGCATTCTTAAGTATGTAAGTTCTCTCAGATGGAGTGCAGCTTG
GAAAAAATTCAGGAGGAGCTCAAGTTGCAGCCTCCAGCGGTTCTCACTCTGGAGGACACAGATGTGGCA
AATGGGGTGATGAATGGTCACACACCGATGCACTTGGAGCCTGCTCCTAATTTCCGAATGAACCAAGTG
ACAGCCCTGGGTATCCTCTCCCTCATTCTCAACATCATGTGTGCTGCCCTGAATCTATTTCGAGGAGTT
CACCTTGCAGAACATTCTTTACAGGATCCAAGGAGCTGGTTCTGCTGGTTGGACCAACCTCGTGA
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001201584

**Insert Size:** 687 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).

**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).


[View online »](#)

**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\\_001201584.1](#)

**RefSeq Size:** 1559 bp

**RefSeq ORF:** 687 bp

**Locus ID:** 9117

**UniProt ID:** [Q9BRL7](#)

**Cytogenetics:** 3p22.1

**Protein Families:** Transmembrane

**MW:** 25.7 kDa

**Gene Summary:** This gene encodes a member of the SEC22 family of vesicle trafficking proteins. The encoded protein is localized to the endoplasmic reticulum and may play a role in the early stages of ER-Golgi protein trafficking. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]  
 Transcript Variant: This variant (4) differs in the 3' UTR, lacks an exon in the 3' coding region and uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (c), is shorter and has a distinct C-terminus, compared to isoform a.