

## Product datasheet for SC333251

### SEC16A (NM\_001276418) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SEC16A (NM\_001276418) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SEC16A  
**Synonyms:** KIAA0310; p250; SEC16L  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333251 representing NM\_001276418.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_001276418

**Insert Size:**

7005 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).

**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\_001276418.1

**RefSeq Size:**

9000 bp

**RefSeq ORF:**

7005 bp

**Locus ID:**

9919

**UniProt ID:**

O15027

**Cytogenetics:** 9q34.3

**MW:** 249.5 kDa

**Gene Summary:** This gene encodes a protein that forms part of the Sec16 complex. This protein has a role in protein transport from the endoplasmic reticulum (ER) to the Golgi and mediates COPII vesicle formation at the transitional ER. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Feb 2013]  
Transcript Variant: This variant (2) differs in the 5' UTR and lacks two alternate in-frame exons in the coding region compared to variant 1. It encodes isoform 2 which is shorter compared to isoform 1.