

## Product datasheet for **SC335437**

### **CAB39L (NM\_001287337) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CAB39L (NM\_001287337) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CAB39L  
**Synonyms:** bA103J18.3; MO2L; MO25-BETA  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC335437 representing NM\_001287337.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

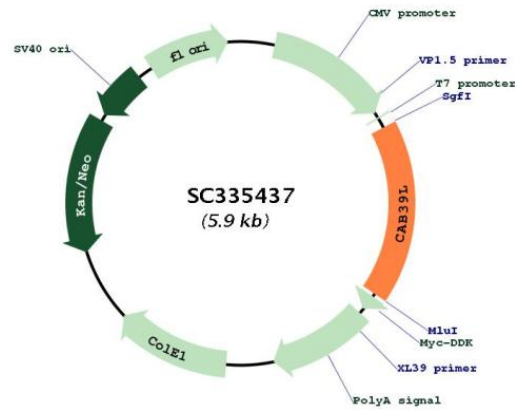
```
ATGAAAAAAAAATGCCTTTGTTTGTAGTAAATCACACAAAAATCCAGCAGAAATTGTGAAAATCCTGAAAGAC
AATTTGGCCATTTTGGAAAAGCAAGACAAAAAGACAGACAAGGCTTCAGAAGAAGTGTCTAAATCACTG
CAAGCAATGAAAGAAATCTGTGTGGTACAAACGAGAAAGAACCCCAACAGAAGCAGTGGCTCAGCTA
GCACAAGAAGTCTACAGCAGTGGCCTGCTAGTGACACTGATAGCTGACCTGCAGCTGATAGACTTTGAG
GGAAAAAAGATGTGACCCAGATATTTAACAACATCTTGAGAAGACAGATAGGCACTCGGAGTCTACT
GTGGAGTATATTAGTGCTCATCCTCATATCCTGTTTATGCTCCTCAAAGGATATGAAGCCCCACAGATT
GCCTTACGTTGTGGGATTATGCTGAGAGAATGTATTCGACATGAACCACTTGCCAAAATCATCCTCTTT
TCTAATCAATTCAGAGATTTCTTTAAGTACGTGGAGTTGTCAACATTTGATATTGCTTCAGATGCCTTT
GCTACTTTCAAGGATTTACTAACCAGACATAAAGTGTGGTAGCAGACTTCTTAGAACAAAATTACGAC
ACTATTTTTGAAGACTATGAGAAATGCTTCAGTCTGAGAATTATGTTACTAAGAGACAGTCTTTAAAG
CTGCTAGGGGAGCTGATCCTGGACCGTCACAACCTTGCCATCATGACAAAGTATATCAGCAAGCCGGAG
AACCTGAAACTCATGATGAACCTCCTTCGGGATAAAAAGTCCCAACATCCAGTTTGAAGCCTTTTATGTT
TTAAGGTGTTTGTGGCCAGTCTCACAAAACACAGCCTATTGTGGAGATCCTGTTAAAAAATCAGCCC
AAACTCATTGATTTCTGAGCAGCTTCCAAAAAGAAAGGACGGATGATGAGCAGTTCGCTGACGAGAAG
AACTACTTGATTAACAGATCCGAGACTTGAAGAAAACGGCCCTTGA
```

**Restriction Sites:** SgfI-MluI



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## Plasmid Map:



ACCN: NM\_001287337

Insert Size: 1014 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\\_001287337.1](https://www.ncbi.nlm.nih.gov/RefSeq/ accession/nm_001287337.1)

RefSeq Size: 3718 bp

RefSeq ORF: 1014 bp

Locus ID: 81617

UniProt ID: [Q9H9S4](#)

Cytogenetics: 13q14.2

Protein Pathways: mTOR signaling pathway

MW: 39.1 kDa

**Gene Summary:** Component of a complex that binds and activates STK11/LKB1. In the complex, required to stabilize the interaction between CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta) and STK11/LKB1 (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1-5 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.