

Product datasheet for **SC335439**

CAB39L (NM_001287339) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CAB39L (NM_001287339) Human Untagged Clone
Tag: Tag Free
Symbol: CAB39L
Synonyms: bA103J18.3; MO2L; MO25-BETA
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335439 representing NM_001287339.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAAAAATGCCTTTGTTTAGTAAATCACACAAAAATCCAGCAGAAATTGTGAAAATCCTGAAAGAC
AATTTGGCCATTTTGGAAAAGCAAGACAAAAGACAGACAAGGCTTCAGAAGAAGTGTCTAAATCACTG
CAAGCAATGAAAGAAATCTGTGTGGTACAAACGAGAAAGAACCCCAACAGAAGCAGTGGCTCAGCTA
GCACAAGAACTCTACAGCAGTGGCTGCTAGTGACTGATAGCTGACCTGCAGCTGATAGACTTTGAG
GGAAAAAAGATGTGCCAGATATTTAACAAATCTTGAGAAGACAGATAGGCACTCGGAGTCTACT
GTGGAGTATATTAGTGCTCATCCTCATATCCTGTTTATGCTCCTCAAAGGATATGAAGCCCCACAGATT
GCCTTACGTTGTGGGATTATGCTGAGAGAATGTATTCGACATGAACCACTTGCCAAAATCATCCTCTTT
TCTAATCAATTCAGAGATTTCTTAAGTACGTGGAGTTGTCAACATTTGATATTGCTTCAGATGCCTTT
GCTACTTTCAAGGATTTACTAACCAGACATAAAGTGTGGTAGCAGACTTCTTAGAACAAAATTACGAC
ACTATTTTTGAAGACTATGAGAAATGCTTCAGTCTGAGAATTATGTTACTAAGAGACAGTCTTTAAAG
CTGCTAGGGGAGCTGATCCTGGACCGTCACAACCTTGCCATCATGACAAAGTATATCAGCAAGCCGGAG
AACCTGAAACTCATGATGAACCTCCTTCGGGATAAAAAGTCCCAACATCCAGTTTGAAGCCTTTCATGTT
TTAAGGTGTTTGTGGCCAGTCTCACAAAACACAGCCTATTGTGGAGATCCTGTTAAAAAATCAGCCC
AAACTCATTGAGTTTCTGAGCAGCTTCCAAAAGAAAGGACGGATGATGAGCAGTTCGCTGACGAGAAG
AACTACTTGATTAACAGATCCGAGACTTGAAGAAAACGGCCCTTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001287339
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:	<ol style="list-style-type: none">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:	<u>NM_001287339.1</u>
RefSeq Size:	3382 bp
RefSeq ORF:	1014 bp
Locus ID:	81617
UniProt ID:	<u>Q9H9S4</u>
Cytogenetics:	13q14.2
Protein Pathways:	mTOR signaling pathway
MW:	39.1 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) lacks couple of exons, and contains two alternate exons in the 5' non-coding region compared to variant 1. Variants 1-5 encode the same protein.</p> <p>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.</p>