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Product datasheet for SC315532

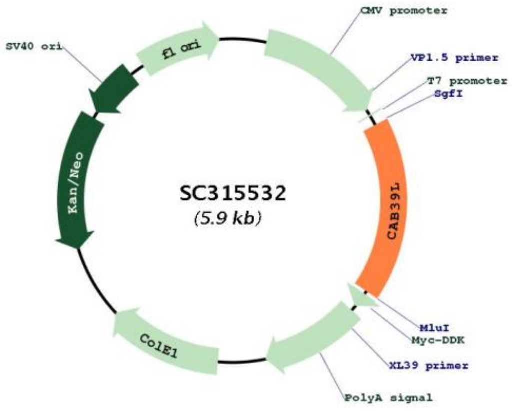
CAB39L (NM_001079670) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CAB39L (NM_001079670) Human Untagged Clone
Tag:	Tag Free
Symbol:	CAB39L
Synonyms:	bA103J18.3; MO2L; MO25-BETA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315532 representing NM_001079670. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCC ATGAAAAAAATGCCTTTGTTTAGTAAATCACACAAAAATCCAGCAGAAATTGTGAAAATCCTGAAAGAC AATTTGGCCATTTTGGAAAAGCAAGACAAAAAGACAGACAAGGCTTCAGAAGAAGTGTCTAAATCACTG CAAGCAATGAAAGAAATTCTGTGTGGTACAAACGAGAAAGAACCCCCAACAGAAGCAGTGGCTCAGCTA GCACAAGAACTCTACAGCAGTGGCCTGCTAGTGACACTGATAGCTGACCTGCAGCTGATAGACTTTGAG GGAAAAAAAGATGTGACCCAGATATTTAACAACATCTTGAGAAGACAGATAGGCACTCGGAGTCCTACT GTGGAGTATATTAGTGCTCATCCTCATATCCTGTTTATGCTCCTCAAAGGATATGAAGCCCCACAGATT GCCTTACGTTGTGGGATTATGCTGAGAGAATGTATTCGACATGAACCACTTGCCAAAATCATCCTCTTT TCTAATCAATTCAGAGATTTCTTTAAGTACGTGGAGTTGTCAACATTTGATATTGCTTCAGATGCCTTT GCTACTTTCAAGGATTTACTAACCAGACATAAAGTGTTGGTAGCAGACTTCTTAGAACAAAATTACGAC ACTATTTTTGAAGACTATGAGAAATTGCTTCAGTCTGAGAATTATGTTACTAAGAGACAGTCTTTAAAG CTGCTAGGGGAGCTGATCCTGGACCGTCACAACTTTGCCATCATGACAAAGTATATCAGCAAGCCGGAG AACCTGAAACTCATGATGAACCTCCTTCGGGATAAAAGTCCCAACATCCAGTTTGAAGCCTTTCATGTT TTTAAGGTGTTTGTGGCCAGTCCTCACAAAACACAGCCTATTGTGGAGATCCTGTTAAAAAATCAGCCC AAACTCATTGAGTTTCTGAGCAGCTTCCAAAAAGAAAGGACGGATGATGAGCAGTTCGCTGACGAGAAG AACTACTTGATTAAACAGATCCGAGACTTGAAGAAAACGGCCCCTTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI

View online »

Plasmid Map:



ACCN:	NM_001079670
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001079670.2
RefSeq Size:	3580 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 (2) lacks a 5' non-coding exon compared to variant 1. 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.