

## Product datasheet for **MC203124**

### **Cab39 (NM\_133781) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cab39 (NM_133781) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cab39
Synonyms:	AA408805; AA960512; C78372; MO25; MO25alpha
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC020041  
 GAAGCAGAGAGGGAGCTCCCTGGCCCGGCCAGCCCGGTCAAGCAGGTAGAGTGCCGTGGAAGCCTCTGG  
 CGCTGCCGTATGCCGTTCCCATTTGGCAAGTCTCACAAGTCTCCGGCAGATATTGTGAAGAAGTTGAAG  
 GAGAGCATGGCTGTTTTGGAAAAGCAGGACATTTCTGACAAAAAGGCAGAAAAGGCTACAGAAGAAGTTT  
 CCAAAAATTTGGTCGCCATGAAAGAAATTTGTACGGCACCAATGAGAAGGAGCCTCAGACAGAGGCGGT  
 AGCTCAGCTGGCTCAGGAGCTGTACAATAGCGGGCTCCTCGGCACCCTGGTAGCTGACTTACAGCTCATT  
 GACTTTGAGGGCAAAAAAGACGTGGCTCAAATTTTCAACAATATTCTCAGAAGACAAATTTGGTACAAGAA  
 CTCTACTGTTGAATACATCTGCACCCAACAGAATATTTTGTTCATGTTATTGAAAGGGTATGAATCTCC  
 AGAAATAGCTCTTAATTGTGGGATAATGTTAAGAGAATGCATCAGACATGAACCCTTGCAAAAATCATT  
 TTGTGGTCAGAACAGTTTTATGACTTCTTCAGATATGTTGAAATGTCAACATTTGACATAGCTTCAGATG  
 CATTTGCTACATTCAAGGATTTACTTACAAGACATAAATTGCTCAGTGCAGAATTTTGGAAACAACATTA  
 TGATAGATTTTTTTCAGTGAATATGAAAAGCTACTTCATTTCAGAAAATATGTGACAAAGAGACAGTCACTG  
 AAGCTTCTGGGTGAGCTGCTGTTGGACAGACACAACCTTACAATTATGACAAAGTACATCAGCAAGCCCG  
 AGAACCTCAAGCTAATGATGAACCTCCTCCGAGACAAGAGCCGCAACATCCAGTTCGAGGCCTTCCACGT  
 GTTCAAGGTGTTTGTGGCAACCCCAACAGACGCAGCCCATCTAGACATCCTCCTCAAGAACCAGACC  
 AAGCTCATCGAGTTCCTCAGCAAGTTTCAAGACGACAGGACCCGAGGACGAGCAGTTCACAGCAGAGAAGA  
 CCTACTTAGTCAAGCAGATCAGGGATTTGAAGAGAGCCGCCAGCAGGAAGCCTAGTGTCTACTCAGCCC  
 CGGTCCCATCCAAGCTCAGCACTGGCTGTGAGCTCCTCAGCATCAGGCACTCTCATCGGTTTCATGGGGAG  
 CACTACTGCTAATCTGCTGTTAAGTGAACGGTTTTTTCATTTTACCTTTTTGTTTTTTCAGTCCAGGTTGGA  
 GAACGTAGCTGCTGCTGCTTGCACATTAGAGCGCACGTTGGTCTTTCTTTCCCTTGATCTCTGTGTCATT  
 CAGAACTCACAGACTCCATTTGCTACAGGAGTTCTGAACATGGCTGGGTTTCATGAAAGCAATGAGAGTG  
 AGAGTGGTCTAGGGAAAAGACGGTGATACATCGCTGACACCTGCCCGTCCATCGGCACTGCTCTCTGCAG  
 GTCTGTGCAGTATGGCACGGGCATACCCACCCATCTCTGCCAAAGGAAGATGGCGCATACAGGGATTGTT  
 GGAGAAGTGTATCCAGTGTGAGCTTTGGGGAGGATAAAGTTGGTGTGCAATAAATTTGACTGAAGCTT  
 AGCAACTGTCAAGTGTGGAGCTTCATAAGGTCATAAGAAAGTGTATATGCTTTTTTTCACAGCTTTCTA  
 GAACCTTTGTGACATTTGATTTTCTTGAACCTGTAAACCTGGATAGGTTGAAGGGTGTTTTAAATTTACT  
 TTTGAAGGTGTTTTAAACAGTAGAGCTAGCAGCAACACCTTATGTTTCATTTCAACACTGCTTACAGGT  
 TTCTTTTGTATATAATTCTTAGAATGCTCATTCTTTTAAATCGTTTAAATTTGTACAGCAGAGGAATGTT  
 ATTGTAGTAGTATGTAACCTTACCTGAGTTTTGCAACAAACAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_133781

**Insert Size:** 1026 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: [BC020041](#), [AAH20041](#)

RefSeq Size: 1947 bp

RefSeq ORF: 1026 bp

Locus ID: 12283

UniProt ID: [Q06138](#)

Cytogenetics: 1 C5

**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]