

Product datasheet for **SC106423**

CAB39L (BC010993) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CAB39L (BC010993) Human Untagged Clone
Tag:	Tag Free
Symbol:	CAB39L
Synonyms:	antigen MLAA-34; bA103J18.3; calcium binding protein 39-like; FLJ12577; MO2L; MO25-BETA; OTTHUMP00000018410; RP11-103J18.3; sarcoma antigen NY-SAR-79; U937-associated antigen
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC010993, the custom clone sequence may differ by one or more nucleotides

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ATGAAAAAAAAATGCCTTTGTTTAGTAAATCACACAAAAATCCAGCAGAAATTGTGAAAATCCTGAAAGACA  
ATTTGGCCATTTTGGAAAAGCAAGACAAAAAGACAGACAAGGCTTCAGAAGAAGTGTCTAAATCACTGCA  
AGCAATGAAAGAAATTCTGTGTGGTACAAACGAGAAAGAACCCCGACAGAAGCAGTGGCTCAGCTAGCA  
CAAGAAGCTCTACAGCAGTGGCCTGCTGGTACACTGATAGCTGACCTGCAGCTGATAGACTTTGAGGAAA  
AAAAAGATGTGACCCAGATATTTAAACAACATCTTGAGAAGACAGATAGGCACTCGGAGTCTACTGTGGA  
GTATATTAGTGCTCATCCTCATATCCTGTTTATGCTCCTCAAAGGATATGAAGCCCCACAGATTGCCTTA  
CGTTGTGGGATTATGCTGAGAGAATGTATTCGACATGAACCACTTGCCAAAATCATCCTCTTTTCTAATC  
AATTCAGAGATTTCTTTAAGTACGTGGAGTTGTCAACATTTGATATTGCTTCAGATGCCTTTGCTACTTT  
CAAGGATTTACTAACCAGACATAAAGTGTGGTAGCAGACTTCTTAGAACAAAATTACGACACTATTTTT  
GAAGACTATGAGAAATTGCTTCAGTCTGAGAATTATGTTACTAAGAGACAGTCTTTAAAGCTGCTAGGGG  
AGCTGATCCTGGACCGTCACAACCTTTGCCATCATGACAAAAGTATATCAGCAAGCCGGAGAACCTGAAACT  
CATGATGAACCTCCTTCGGGATAAAAAGTCCAACATCCAGTTTGAAGCCTTTTCATGTTTTAAGGTGTTT  
GTGGCCAGTCTCACAAAACACAGCCTATTGTGGAGATCCTGTTAAAAAATCAGCCCAAACCTATTGAGT  
TTCTGAGCAGCTTCCAAAAGAAAGGACGGATGATGAGCAGTTGCTGACGAGAAGAACTACTTGATTA  
ACAGATCCGAGACTTGAAGAAAACGGCCCTTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC010993 unedited AGGCGGCCGCGAATTCGGCACGAGGGCGCACTGTAGCTGAGCCAATGGAGTTACTCGTAG TCGAGAGGCCGGCATCACTGGAGTGGTGGCGCAGCTGTTTCTCCGGATATCCATCAAAT ATTGAGAAGAAAGAATATCAGGAGCAAAGTGTTCTAAGTTGCTGCTCAGAACGTAAGAT GCGAACCCCAAATCAGTGGTTTGTTCATTCTTCATGCAAGAGCAATGCACTAAAGGAGAG AAGCAAGCTGTGGTGATCAGTGACTTTGGTGAAGCTAAGAAGGTTCAAACAAATTTGCA AATGATATACAACCTTCTAAGCATTCCATATTGGAAGAAGAGATTCTACACATGAAAAAA ATGCCTTTGTTTAGTAAATCACACAAAAATCCAGCAGAAATTGTGAAAATCCTGAAAGAC AATTTGGCCATTTTGGAAAAGCAAGACAAAAAGACAGACAAGGCTTCAGAAGAAGTGCT AAATCACTGCAAGCAATGAAAGAAATTCTGTGTGGTACAAACGAGAAAGAACCCCAACA GAAGCAGTGGCTCAGCTAGCACAGAAGCTCTACAGCAGTGGCCTGCTAGTGACACTGATA GCTGACCTGCAGCTGATAGACTTTGAGGGAAAAAAGATGTGACCCAGATATTTAAACAACA TCTTGAGAAGACAGATAGGCACTCGGAGTCTACTGTGGAGTATATTAGGGCTCATCCTC ATATCCTGTTTATGCTCCTCAAAGATATGAAGCCCAACAGATGCCTTACGTTGTGGGAAT ATGCTGAGAGATGTATTGACATGAACCACTTGCCAAATCATTCTTTTCTTAATCAATT CAGAGATTCCTTTAGTCGTGNAGATGCCACATTTGATATTGCTTAGAAGCCCTTGCTCCT CCAAGGATTACTACCAAC
Restriction Sites:	NotI-NotI
ACCN:	BC010993
Insert Size:	6000 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>BC010993.2</u> , <u>AAH10993.2</u>
RefSeq Size:	1482 bp
RefSeq ORF:	1014 bp
Locus ID:	81617
Cytogenetics:	13q14.2
Domains:	Mo25
Protein Pathways:	mTOR signaling pathway

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]