

## Recombinant Human CAB39L, His-tagged

Cat. No. CAB39L-7226H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CAB39L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>description</b>	Calcium-binding protein 39-like, also known as CAB39L, is similar to MO25 and is found in the serum of nearly half of all patients diagnosed with acute monocytic leukemia. This protein suggests a role for CAB39L in carcinogenesis. Also, LKB1 activity increases upon the binding of a regulatory complex consisting of the STE20-related adaptor-alpha (STRAD alpha) pseudo kinase and the CAB39L.
<b>source</b>	E. coli
<b>species</b>	Human
<b>tag</b>	His
<b>form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
<b>molecular mass</b>	41.5 kDa (360aa)
<b>aa sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMKKMPLF SKSHKNPAEI VKILKDNLAI

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LEKQDKKTDK ASEEVSKSLQ AMKEILCGTN EKEPPTEAVA QLAQELYSSG  
 LLVTLIADLQ LIDFEGKKDV TQIFNNILRR QIGTRSPTVE YISAHPHILF  
 MLLKGYEAPQ IALRCGIMLR ECIRHEPLAK IILFSNQFRD FFKYVELSTF  
 DIASDAFATF KDLLTRHKVL VADFLEQNYD TIFEDYEKLL QSENYVTKRQ  
 SLKLLGELIL DRHNFAIMTK YISKPENLKL MMNLLRDKSP NIQFEAFHVF  
 KVFVASPHKT QPIVEILLKN QPKLIEFLSS FQKERTDDEQ FADEKNYLIK  
 QIRDLKKTAP

**purity** >95% by SDS - PAGE

**applications** SDS-PAGE

**storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**concentration** 0.5 mg/ml

## GENE INFORMATION

**gene name** [CAB39L calcium binding protein 39-like \[ Homo sapiens \]](#)

**official symbol** CAB39L

**synonyms** CAB39L; calcium binding protein 39-like; calcium-binding protein 39-like; bA103J18.3; FLJ12577; MO2L; MO25beta; antigen MLAA-34; mo25-like protein; U937-associated antigen; sarcoma antigen NY-SAR-79; MO25-BETA; RP11-103J18.3;

**Gene ID** [81617](#)

**mrna refseq** [NM\\_001079670](#)

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<b>protein refseq</b>	NP_001073138
<b>mim</b>	612175
<b>uniprot id</b>	Q9H9S4
<b>chromosome location</b>	13q14.11
<b>pathway</b>	Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem; IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem; PI3K Cascade, organism-specific biosystem; PKB-mediated events, organism-specific biosystem; Regulation of AMPK activity via LKB1, organism-specific biosystem;
<b>function</b>	binding; protein serine/threonine kinase activity;

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