

Recombinant Human CAB39L, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human CAB39L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
description	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.
source	E. coli
species	Human
tag	His
form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
molecular mass	41.5 kDa (360aa)
aa sequence	MGSSHHHHHH SSGLVPRGSH MGSMKKMPLF SKSHKNPAEI VKILKDNLA

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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 FADEKKNYLIK
 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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protein refseq	NP_001073138
mim	612175
uniprot id	Q9H9S4
chromosome location	13q14.11
pathway	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;
function	binding; protein serine/threonine kinase activity;

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