

**CAB39L, 1-337aa Human, His tag, E.coli**

**Cat.NO.: TP01396**

3th Edition

**Synonyms:**Calcium-binding protein 39-like, MO25-BETA, MO2L

**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. Recombinant human CAB39L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

**Molecular Weight:**41.5 kDa (360aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMKKMPLFSKSHKNPAEIVKILKDNLAILEKQDKKTDKASEEVSKSLQAMKEIL  
CGTNEKEPPTEAVAQLAQELYSSGLLVTLIADLQLIDFEGKKDVTQIFNNILRRQIGTRSPTEVEYISAHPHILFMLLKG  
EAPQIALRCGIMLRECIRHEPLAKIILFSNQFRDFFKYVELSTFDIASDAFATFKDLLTRHKVLVADFLEQNYDTIFEDY  
EKLLQSENYVTKRQSLKLLGELILDRHNFAIMTKYISKPENLKLMMNLLRDKSPNIQFEAFHVFKVVFVSPHKTQPIVE  
ILLKNQPKLIEFLSSFQKERTDDEQFADEKNYLIKQIRDLLKKTAP

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.