PRODUCT INFORMATION

Expression system E.coli

Domain 1-337aa

UniProt No. Q9H9S4

NCBI Accession No. NP_112187

Alternative Names Calcium-binding protein 39-like, MO25-BETA, MO2L

PRODUCT SPECIFICATION

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

Concentration 0.5mg/ml (determined by Bradford assay)

Formulation Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity > 95% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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 STE20related 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.



Amino acid Sequence

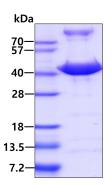
<MGSSHHHHHH SSGLVPRGSH MGS>MKKMPLF SKSHKNPAEI VKILKDNLAI LEKQDKKTDK ASEEVSKSLQ AMKEILCGTN EKEPPTEAVA QLAQELYSSG LLVTLIADLQ LIDFEGKKDV TQIFNNILRR QIGTRSPTVE YISAHPHILF MLLKGYEAPQ IALRCGIMLR ECIRHEPLAK IILFSNQFRD FFKYVELSTF DIASDAFATF KDLLTRHKVL VADFLEQNYD TIFEDYEKLL QSENYVTKRQ SLKLLGELIL DRHNFAIMTK YISKPENLKL MMNLLRDKSP NIQFEAFHVF KVFVASPHKT QPIVEILLKN QPKLIEFLSS FQKERTDDEQ FADEKNYLIK QIRDLKKTAP

General References

Boudeau J., et al. (2004) J Cell Sci. 117:6365-6375. Taylor E B., et al. (2005) Am J Physiol Endocrinol Metab. 288):E1055-1061.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.