

Recombinant human CAB39 protein

Catalog Number: ATGP0617

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-341aa

UniProt No.

Q9Y376

NCBI Accession No.

NP_057373

Alternative Names

Calcium binding protein 39, CGI-66, MO25, Calcium binding protein 39, CAB 39, CAB-39, MO 25, MO-25, FLJ22682

PRODUCT SPECIFICATION

Molecular Weight

42 kDa (361aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Purity

> 90% 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, also known as CAB39, is a 40-kDa protein that, together with the STE20-related adaptor-alpha (STRAD alpha) pseudo kinase, forms a regulatory complex capable of stimulating the activity of the LKB1 tumor suppressor protein kinase. Also CAB39 may function as a scaffolding component of the STK11/STRAD complex and regulates STK11 activity and cellular localization. Recombinant human CAB39, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques

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Amino acid Sequence

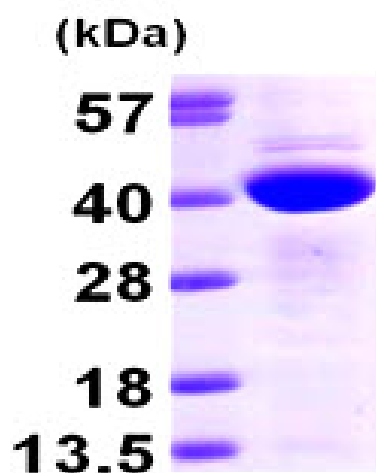
MGSSHHHHHH SSGLVPRGSH MPFPFGKSHK SPADIVKNLK ESMVLEKQD ISDKKAEKAT EEVSKNLVAM KEILYGTNEK
EPQTEAVAQL AQELYNSGLL STLVADLQLI DFEGKKDVAQ IFNNILRRQI GTRTPTVEYI CTQQNILFML LKGYESPEIA
LNCGIMLREC IRHEPLAKII LWSEQFYDFF RYVEMSTFDI ASDAFATFKD LLTRHKLLSA EFLEQHYDRF FSEYEKLLHS
ENYVTKRQSL KLLGELLLDR HNFTIMTKYI SKPENLKLMM NLLRDKSRNI QFEAFHVFKV FVANPNKTQP ILDILLKNQA
KLIEFLSKFQ NDRTEDEQFN DEKTYLVKQI RDLKRPAQQE A

General References

Baas AF., et al. (2004) Trends Cell Biol. 14(6):312-9.
Boudeau J., et al. (2003) EMBO J. 22(19):5102-14.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)