

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

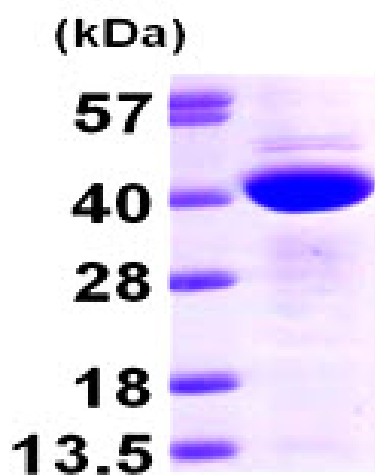
MGSSHHHHHH SSGLVPRGSH MPFPFGKSHK SPADIVKNLK ESMVLEKQD ISDKKAEKAT EEVSKNLVAM KEILYGTNEK
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LNCGIMLREC IRHEPLAKII LWSEQFYDFF RYVEMSTFDI ASDAFATFKD LLTRHKLLSA EFLEQHYDRF FSEYEKLLHS
ENYVTKRQSL KLLGELLDR HNFTIMTKYI SKPENLKLMM NLLRDKSRNI QFEAFHVFKV FVANPNKTQP 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)