

CAB39, 1-341aa, Human, His tag, E.coli

Cat.NO.: TP01395

3th Edition

Synonyms:Calcium binding protein 39, CGI-66, MO25.

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.

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

Molecular Weight:42 kDa (361aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMPFPFGKSHKSPADIVKNLKESSMAVLEKQDISDKKAEKATEEVSKNLVAMKEILYG
TNEKEPQTEAVAQLAQELYNSGLLSTLVADLQLIDFEGKKDVAQIFNNILRRQIGTRTPTVEYICTQQNILFMLLKGYE
SPEIALNCGIMLRECIRHEPLAKIILWSEQFYDFFRYVEMSTFDIASDAFATFKDLLTRHKLLSAEFLEQHYDRFFSEY
EKLLHSENYVTKRQSLKLLGELLDRHNFTIMTKYISKPENLKLMMNLLRDKSRNIQFEAFHVFKVFNPNKTQPIL
DILLKNQAKLIEFLSKFQNDRTEDQFNDEKTYLVKQIRD LKRPAAQEA

Purity:> 95% by HPLC

Concentration:1mg/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.