
Product Data Sheet

Product Name: CAB39 Human
 Cat. No.: GP22947
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MO25; CAB-39; CGI-66; FLJ22682; Calcium Binding Protein 39.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MPFPFGKSHK SPADIVKNLK ESMVLEKQD ISDKKAEKAT EEVSKNLVAM KEILYGTNEK EPQTEAVAQL AQELYNSGLL STLVADLQLI DFEGKKDVAQ IFNNILRRQI GTRTPTVEYI CTQQNILFML LKGYESPEIA LNCGIMLREC IRHEPLAKII LWSEQFYDFF RYVEMSTFDI ASDAFATFKD LLTRHKLLSA EFLEQHYDRF FSEYEKLLHS ENYVTKRQSL KLLGELLDR HNFTIMTKYISKPENLKLMM NLLRDKSRNI QFEAFHVFKV FVANPNKTQP ILDILLKNQA KLIEFLSKFQ NDRTEDEQFN DEKTYLVKQI RDLKRPAQQE A.		
Formulation	The CAB39 solution (0.5mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol.		

Introduction

CAB39 protein and STE20-related adaptor-alpha pseudo kinase, form a regulatory complex that is able of stimulating the activity of the LKB1 tumor suppressor protein kinase. CAB39 takes part as a scaffolding component of the STK11/STRAD complex and regulates STK11 activity and cellular localization.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CAB39 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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chain containing 361 amino acids (1-341 a.a.) and having a molecular mass of 42 kDa. The CAB39 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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