

## CAB39 Human

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

**Catalog #:** PRPS-864

For research use only.

**Synonyms:** MO25, CAB-39, CGI-66, FLJ22682, Calcium Binding Protein 39.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MPFPFGKSHK SPADIVKNLK  
ESMAVLEKQD ISDKKAEKAT EEVSKNLVAM KEILYGTNEK EPQTEAVAQL AQELYNSGLL  
STLVADLQLI DFEGKKDVAQ IFNNILRRQI GTRTPTVEYI CTQQNILFML LKGYESPEIA  
LNCGIMLREC IRHEPLAKII LWSEQFYDFF RYVEMSTFDI ASDAFATFKD LLTRHKLLSA  
EFLEQHYDRF FS

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

The CAB39 solution (0.5mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

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