Recombinant Human Calcium Binding Protein 39, His-tagged

Cat. No. CAB39-4243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Species	Human
Source	Human
ProteinLength	1-341 a.a.
Description	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.
Form	CAB39 Human solution containing 20mM Trsi pH-8, 1mM DTT, & 10% glycerol.
Purity	Greater than 90.0% as determined by SDS-PAGE.
Physical Appearance	Sterile filtered colorless solution.
Amino acid sequence	MGSSHHHHHH SSGLVPRGSH MPFPFGKSHK SPADIVKNLK ESMAVLEKQD ISDKKAEKAT EEVSKNLVAM KEILYGTNEK EPQTEAVAQL AQELYNSGLL STLVADLQLI DFEGKKDVAQ IFNNILRRQI GTRTPTVEYI CTQQNILFML

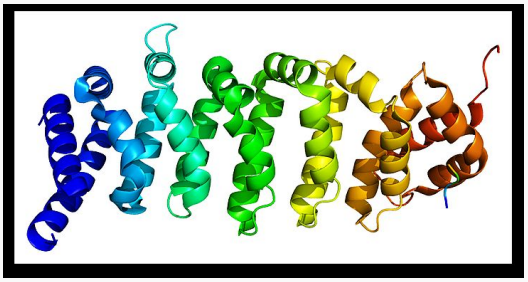
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	LKGYESPEIA LNCGIMLREC IRHEPLAKII LWSEQFYDFF RYVEMSTFDI ASDAFATFKD LLTRHKLLSA EFLEQHYDRF FSEYEKLLHS ENYVTKRQSL KLLGELLLDR HNFTIMTKYISKPENLKLMM NLLRDKSRNI QFEAFHVFKV FVANPNKTQP ILDILLKNQA KLIEFLSKFQ NDRTEDEQFN DEKTYLVKQI RDLKRPAQQE A.
Storage	CAB39 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

GENE INFORMATION

Gene Name	CAB39 calcium binding protein 39 [Homo sapiens]
Official Symbol	CAB39
Synonyms	CAB39; calcium binding protein 39; MO25; CGI-66; FLJ22682; calcium-binding protein 39; OTTHUMP00000164293; OTTHUMP00000204438; OTTHUMP00000204439; Calcium-binding protein 39; Protein Mo25
Gene ID	51719
mRNA Refseq	NM_001130849
Protein Refseq	NP_001124321
MIM	612174
UniProt ID	Q9Y376
Chromosome Location	2q37.1

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Function	kinase binding; protein binding; protein kinase activator activitycontributes to protein serine/threonine kinase activity
PDBrendering based on 1upk.	

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