

Recombinant Human CAB39, His-tagged

Cat. No. CAB39-26603TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CAB39 with N-terminal His tag; 361 amino acids, MWt 42 kDa.
Species	Human
Source	E.coli
ProteinLength	341 amino acids
Description	Together with the STE20-related adaptor-alpha (STRAD alpha) pseudo kinase, forms a regulatory complex capable of stimulating the activity of STK11.
Conjugation	HIS
Molecular Weight	42.000kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMPFFPGKSHKSPADIVKNLKESMAVLEKQDISDKKA
 EKATEEVSKNLVAMKEILYGTNEKEPQTEAVAQLAQELYNSGLLSTLVADLQLIDFEG
 KKDVAQIFNNILRRQIGTRTPTVEYICTQQNILFMLLKGYESPEIALNCGIMLRECIRHE
 PLAKIILWSEQFYDFFRYVEMSTFDIASDAFATFKDLLTRHKLLSAEFLEQHYDRFFSE
 YEKLLHSENYVTKRQSLKLLGELLLDRHNFTIMTKYISKPENLKLMMNLLRDKSRNIQ
 FEAHFVFKVFNANPNKTQPILDILLKNQAKLIEFLSKFQNDRTEDQFNDEKTYLVKQI
 RDLKRPAQQA

Sequence Similarities

Belongs to the Mo25 family.

GENE INFORMATION

Gene Name CAB39 calcium binding protein 39 [Homo sapiens]

Official Symbol CAB39

Synonyms CAB39; calcium binding protein 39; calcium-binding protein 39; CGI 66; MO25;

Gene ID 51719

mRNA Refseq NM_001130850

Protein Refseq NP_001124322

MIM 612174

Uniprot ID Q9Y376

Chromosome Location 2q37.1

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Pathway

AMPK signaling, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem; IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem;

Function

kinase binding; protein binding; protein kinase activator activity; contributes_to protein serine/threonine kinase activity; protein serine/threonine kinase activity;

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