

Product datasheet for PH303394

CAB39L (NM_030925) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CAB39L MS Standard C13 and N15-labeled recombinant protein (NP_112187)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203394
Predicted MW:	39.2 kDa
Protein Sequence:	>RC203394 protein sequence Red=Cloning site Green=Tags(s)

MKKMPLFSKSHKNPAEIVKILKDNLAILEKQDKKTDKASEEVSKSLQAMKEILCGTNEKEPTEAVAQLA
QELYSSGLLVTLIADLQLIDFEEKDVTQIFNNILRRQIGTRSPTVEYISAPHILFMLLKGYEAPQIAL
RCGIMLRECI RHEPLAKIILFSNQFRDFKYVELSTFDIASDAFATFKDLLTRHKVLVADFLEQNYDTIF
EDYEKLLQSENYVTKRQSLKLLGELILDRHNFAIMTKYISKPENLKLMMNLLRDKSPNIQFEAFHVFKVF
VASPHKTQPIVEILLKNQPKLIEFLSSFQKERTDDEQFADEKNYLKQIRDLLKKTAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_112187</u>
RefSeq Size:	3631
RefSeq ORF:	1011
Synonyms:	bA103J18.3; MO2L; MO25-BETA
Locus ID:	81617



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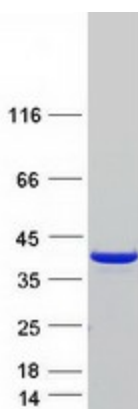
UniProt ID: [Q9H9S4](#), [A0A024RDT3](#), [Q86WE6](#)

Cytogenetics: 13q14.2

Summary: Component of a complex that binds and activates STK11/LKB1. In the complex, required to stabilize the interaction between CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta) and STK11/LKB1 (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Pathways: mTOR signaling pathway

Product images:



Coomassie blue staining of purified CAB39L protein (Cat# [TP303394]). The protein was produced from HEK293T cells transfected with CAB39L cDNA clone (Cat# [RC203394]) using MegaTran 2.0 (Cat# [TT210002]).