

Recombinant human CCM2, His-tagged

Cat. No. CCM2-2496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	CCM2 provides instructions for making a protein called malcavernin, which strengthens the interactions between cells that form blood vessels and limits leakage from the vessels. It interacts with a number of other proteins to form a complex that is found in the junctions that connect neighboring cells. It helps turn off (suppress) a signaling molecule known as RhoA-GTPase.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 1mM DTT
Molecular Mass	34.3kDa (311aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEVKYLGQ LTSIPGYLNP SSRTEILHFI DNAKRAHQLP GHLTQEHDVA LSL SAYNVKL AWRDGEDILRVPIHDIAAV SYVRDDAAHL VVLKTDDSSST KVDIKETYEV EASTFCFPES VDVGGASPHS KTISESEL SA SATELLQDYM LTLRTKLSSQEIQQFAALLH EYRNGASIHE FCINLRQLYG DSRKFLLLGL RPFIEKDSQ HFENFLETIG VKDGRGIITD SFGRHRRALS TTSSSTTNGNRATGSSDDRS APSEGDEWDR MISDISSDIE ALGCSMDQDS A

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	CCM2 cerebral cavernous malformation 2 [Homo sapiens]
Official Symbol	CCM2
Synonyms	CCM2; cerebral cavernous malformation 2; MGC4067;
Gene ID	9225
Chromosome Location	-

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