

Recombinant Mouse Ccm2 Protein, Myc/DDK-tagged

Cat. No. Ccm2-2045M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cerebral cavernous malformation 2 (Ccm2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the CCM signaling pathway which is a crucial regulator of heart and vessel formation and integrity. May act through the stabilization of endothelial cell junctions. May also function as a scaffold protein for MAP2K3-MAP3K3 signaling. Seems to play a major role in the modulation of MAP3K3-dependent p38 activation induced by hyperosmotic shock.
Molecular Mass	49.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ccm2 cerebral cavernous malformation 2 [Mus musculus (house mouse)]
Official Symbol	Ccm2
Synonyms	Ccm2; cerebral cavernous malformation 2; BC029157; cerebral cavernous malformations protein 2 homolog; cerebral cavernous malformation 2 homolog; malcavernin; osmosensing scaffold for MEKK3
Gene ID	216527
mRNA Refseq	NM_146014
Protein Refseq	NP_666126
UniProt ID	Q8K2Y9

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