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CCM2, 66-353aa, Human, His tag, E.coli

产品货号: TP01469

第三版

别名: Malcavernin isoform 4, Malcavernin isoform 4

描述: 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. Recombinant human CCM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 34.3kDa (311aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSEVKYLGQLTSIPGYLNPSSRTEILHFIDNAKRAHQLPGHLTQEHDVLSLSAYNVKL
AWRDGEDIIILRVPIHDIAAVSYVRDDAAHLVVLKTDDSSTKVDIKETYEVEASTFCFPESVDVGGASPHSKTISESELSASAT
ELLQDYMLTLRTKLSSQEIQQFAALLHEYRNGASIHFCINLRQLYGDSRKFLLLGLRPFPIPEKDSQHFENFLETIGVKDGRGI
ITDSFGRHRRALSTTSSSTTNGNRATGSSDDRSAPSEGDEWDRMISDISDIEALGCSMDQDSA

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.