

CCM2 抗原（重组蛋白）

中文名称： CCM2 抗原（重组蛋白）

英文名称： CCM2 Antigen (Recombinant Protein)

别名： CCM2 scaffolding protein; OSM; C7orf22; PP10187

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 245-444 amino acids of human CCM2

技术规格

Full name:	CCM2 scaffolding protein
Synonyms:	OSM; C7orf22; PP10187
Swissprot:	Q9BSQ5
Gene Accession:	BC004903
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a scaffold protein that functions in the stress-activated p38 Mitogen-activated protein kinase (MAPK) signaling cascade. The protein interacts with SMAD specific E3 ubiquitin protein ligase 1 (also known as SMURF1) via a phosphotyrosine binding domain to promote Rho A degradation. The protein is required for normal cytoskeletal structure, cell-cell interactions, and lumen formation in endothelial cells. Mutations

in this gene result in cerebral cavernous malformations. Multiple transcript variants encoding different isoforms have been found for this gene.