

Datasheet for ABIN7552982

CCM2 Protein (AA 1-444) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CCM2
Protein Characteristics:	AA 1-444
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCM2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CCM2 Protein expressed in mammalian cells.
Sequence:	<p>MEEEGKKGKK PGIVSPFKRV FLKGEKSRDK KAHEKVTERR PLHTVVLSP ERVEPDRLLS DYIEKEVKYL GQLTSIPGYL NPSSRTEILH FIDNAKRAHQ LPGHLTQEHD AVLSSLAYNV KLAWRDGEDI ILRVPIHDIA AVSYVRDDAA HLVLKTAQD PGISPSQSLC AESSRGLSAG SLSESAVGVPV EACCLVILAA ESKVAAEELC CLLGQVFQVV YTESTIDFLD RAIFDGASTP THHLSLHSD SSKVDIKET YEVEASTFCF PESVDVGGAS PHSKTISESE LSASATELLQ DYMLTLRTKL SSQEIQQFAA LLHEYRNGAS IHEFCINLRQ LYGDSRKFL LGLRPFPIEK DSQHFENFLE TIGVKDGRGI ITDSFGRHRR ALSTTSSSTT NGNRATGSSD DRSAPEGDE WDRMISDISS DIEALGCSMD QDSA</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
------------------	---

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	CCM2
Alternative Name:	CCM2 (CCM2 Products)
Background:	Cerebral cavernous malformations 2 protein (Malcavernin),FUNCTION: 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 (By similarity). May 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 (By similarity). {ECO:0000250}.
Molecular Weight:	48.8 kDa
UniProt:	Q9BSQ5
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
--------------------	--

Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months