

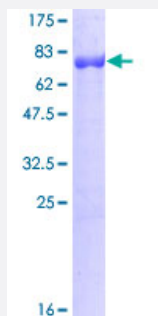
Full-Length

CCM2 (Human) Recombinant Protein (P01)

Catalog # H00083605-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CCM2 full-length ORF (NP_113631.1, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEEEGKKGKKPGIVSPFKRVFLKGEKSRDKKAHEKVTERRLHTVVLSLPERVEPDRLSDYIEK
EVKYLGQLTSIPGYLNPSSRTEILHFIDNAKRAHQLPGHLTQEHDVLSLSAYNVKLAWRDGEDILR
VPIHDIAAVSYVRDDAHLVVLKTAQDPGISPSQSLCAESSRGLSAGSLSESAVGPVEACCLVILA
AESKVAEEELCCLLGQVFQVVYTESTIDFLDRAIFDGASTPTHLSLHSDDSSTKVDIKETYEVEA
STFCFPESVDVGGASPHSKTISESELSASATELLQDYMLTLRTKLSSQEIQQFAALLHEYRNGASIH
EFCINLRQLYGDSRKFLLLGLRPFIFEKDSQHFENFLETIGVKDGRGIITDSFGRHRRALSTSSSTT
NGNRATGSSDDRSAPSEGDEWDRMISDISSDIEALGCSMDQDSA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.2

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCM2

Entrez GeneID	83605
GeneBank Accession#	NM_031443.3
Protein Accession#	NP_113631.1
Gene Name	CCM2
Gene Alias	C7orf22, MGC4067, MGC4607, MGC74868, PP10187
Gene Description	cerebral cavernous malformation 2
Omim ID	603284 607929
Gene Ontology	Hyperlink
Other Designations	malcavernin

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Tobacco Use Disorder](#)