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Product datasheet for SC205724

CCM2 (NM_031443) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CCM2 (NM_031443) Human 3' UTR Clone
Symbol:	CCM2
Synonyms:	C7orf22; OSM; PP10187
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_031443
Insert Size:	426 bp
Insert Sequence:	>SC205724 3'UTR clone of NM_031443 The sequence shown below is from the reference sequence of NM_031443. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGCTGCAGCATGGACCAGGACTCAGCATGATGGACAGTGGATGGGGGGGCACCCACACCTTCCGCGCAG TCGTCATAGGCCTTCCCAGAAGGAGCTGCCCAGACCTGCGTGTCAGCCCTTGGTGGTGGCCAGGGAGAG GCGCCCGGTGCAGATGGCCCCGGGCGGCCCAGGTCCTCTACTGTGAAGGAGCAGGGAGCTGCCGAGGGA CACGAGCCTCAGTGCGGGGTGGAAGGCTCTTTGCCTTGTCCACCAGGGCTCAGCCAAGCCCTGCAGTGT GTCCCCGCTCGGGGAGGGCCCGGCCGAGCGGGCAGGGAGAGCCAGTCCTGTCGGCTGGGCCCTTGGACG GCTGTCAGTTTTGCACATGATGTTCCTATTGTAACTCTCAGAGACCTTAAAAAGAAGTTTACTGCAATG TGAATAATTTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

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RefSeq:	NM_031443.4
Summary:	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 RhoA 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.[provided by RefSeq, Nov 2009]
Locus ID:	83605
MW:	14.2