OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR26002PU-N

KRIT1 / CCM1 (His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	KRIT1 / CCM1 (His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MLLKEAINKP YEKVRIYRMD GSYRSVELKH GNNTTVQQIM EGMRLSQETQ QYFTIWICSE NLSLQLKPYH KPLQHVRDWP EILAELTNLD PQRETPQLFL RRDVRLPLEV EKQIEDPLAI LILFDEARYN LLKGFYTAPD AKLITLASLL LQIVYGNYES KKHKQGFLNE ENLKSIVPVT KLKSKAPHWT NRILHEYKNL STSEGVSKEM HHLQRMFLQN CWEIPTYGAA FFTGQIFTKA SPSNHKVIPV YVGVNIKGLH LLNMETKALL ISLKYGCFMW QLGDTDTCFQ IHSMENKMSF IVHTKQAGLV VKLLMKLNGQ LMPTERNSLE HHHHH
Tag:	His-tag
Predicted MW:	39 kDa
Purity:	>90% by SDS-PAGE and silver stain
Buffer:	Presentation State: Purified State: Lyophilized protein Buffer System: 30 mM NaCl, 50 mM NaP, pH 7.4 Stabilizer: None
Endotoxin:	< 0.1 ng/µg of CCM-1
Reconstitution Method:	Restore in water or other buffer solutions and stored at -20°C.
Preparation:	Lyophilized protein
Protein Description:	Recombinant Human recombinant CCM-1/Krit1, aa. 718
Note:	Protein RefSeq: NM_004912 mRNA RefSeq: NM_194456.1
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

View online »

RefSeq:	NP_001013424
Locus ID:	889
UniProt ID:	O00522
Cytogenetics:	7q21.2
Synonyms:	CAM; CCM1
Summary:	This gene encodes a protein containing four ankyrin repeats, a band 4.1/ezrin/radixin/moesin (FERM) domain, and multiple NPXY sequences. The encoded protein is localized in the nucleus and cytoplasm. It binds to integrin cytoplasmic domain-associated protein-1 alpha (ICAP1alpha), and plays a critical role in beta1-integrin-mediated cell proliferation. It associates with junction proteins and RAS-related protein 1A (Rap1A), which requires the encoded protein for maintaining the integrity of endothelial junctions. It is also a microtubule-associated protein and may play a role in microtubule targeting. Mutations in this gene result in cerebral cavernous malformations. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2009]
Protein Families:	Druggable Genome

Product images: