

# Product datasheet for AR51399PU-S

# Calponin-2 (1-131, His-tag) Human Protein

## **Product data:**

#### 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 Type:	Recombinant Proteins
Description:	Calponin-2 (1-131, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSSTQFN KGPSYGLSAE VKNRLLSKYD PQKEAELRTW IEGLTGLSIG PDFQKGLKDG TILCTLMNKL QPGSVPKINR SMQNWHQLEN LSNFIKAMVS YGMNPVDLFE ANDLFESGNM TQVQVSLLAL AGKA
Tag:	His-tag
Predicted MW:	16.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CNN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001290428</u>
Locus ID:	1265
UniProt ID:	<u>Q99439</u> , <u>B4DDF4</u>
Cytogenetics:	19p13.3

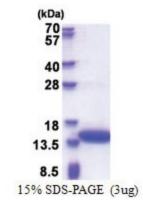


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## Calponin-2 (1-131, His-tag) Human Protein – AR51399PU-S

Summary: The protein encoded by this gene, which can bind actin, calmodulin, troponin C, and tropomyosin, may function in the structural organization of actin filaments. The encoded protein could play a role in smooth muscle contraction and cell adhesion. Several pseudogenes of this gene have been identified, and are present on chromosomes 1, 2, 3, 6, 9, 11, 13, 15, 16, 21 and 22. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2015]

# **Product images:**



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