

Recombinant Human CNN2, GST-tagged

Cat. No. CNN2-11386H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNN2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-86a.a.
Description	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. Two transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CNN2 calponin 2 [Homo sapiens]
Official Symbol	CNN2

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Synonyms	CNN2; calponin 2; calponin-2; neutral calponin; calponin H2, smooth muscle;
Gene ID	1265
mRNA Refseq	NM_004368
Protein Refseq	NP_004359
MIM	602373
UniProt ID	Q99439
Chromosome Location	19p13.3
Pathway	Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	actin binding; calmodulin binding;

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