

## Recombinant Human CNN1 Protein, His-tagged

Cat. No. CNN1-1750H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CNN1 protein(Met1-Tyr268), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Tyr268
<b>Tag</b>	N-His
<b>Form</b>	Liquid in sterile PBS, pH7.4, 10% Glycerol, 5% Trehalose.
<b>Molecular Mass</b>	The protein has a calculated MW of 31 kDa.
<b>Endotoxin</b>	<1.0EU per 1µg (determined by the LAL method).
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	1.0 mg/ml.
<b>Reconstitution</b>	Centrifuge the vial at 4°C before opening to recover the entire contents.

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**AA Sequence**

MGSSHHHHHSSGLVPRGSHMSSAHFNRPAYGLSAEVKNKLAQKYDHQREQEL  
 REWIEGVTGRRIGNNFMDGLKDGIIILCEFINLQPGSVKKINESTQNWHQLENIGNFI  
 KAITKYGVKPHDIFEANDLFENTNHTQVQSTLLALASMAKTKGNKVNVGVKYAEKQE  
 RKFEPGKLREGRNIIGLQMGTNKFASQQGMTAYGTRRHLYDPKLGTDQPLDQATIS  
 LQMGTNKGASQAGMTAPGTKRQIFEPGLGMEHCDTLNVSLQMGSNKGASQRGMT  
 VYGLPRQVY

**GENE INFORMATION**

**Gene Name** [CNN1 calponin 1, basic, smooth muscle \[ Homo sapiens \]](#)

**Official Symbol** [CNN1](#)

**Synonyms** [CNN1](#); calponin 1, basic, smooth muscle; calponin-1; Sm Calp; SMCC; basic calponin; calponins, basic; calponin H1, smooth muscle; Sm-Calp;

**Gene ID** [1264](#)

**mRNA Refseq** [NM\\_001299](#)

**Protein Refseq** [NP\\_001290](#)

**MIM** [600806](#)

**UniProt ID** [P51911](#)

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