

Recombinant Human CNN1 protein, His-SUMO-tagged

Cat. No. CNN1-2710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNN1 protein(P51911)(1-297aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-297aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.2 kDa
AA Sequence	MSSAHFNRGPAYGLSAEVKNKLAQKYDQHREQELREWIEGVTGRRIGNNFMDGLK DGIILCEFINKLQPGSVKKINESTQNWHQLENIGNFIKAITKYGVKPHDIFEANDLFENT NHTQVQSTLLALASMAKTKGNKVNVGKYAEKQERKFEPGKLREGRNIIGLQMGTN KFASQQGMTAYGTRRHLYDPKLGTDQPLDQATISLQMGTNKGASQAGMTAPGTRK QIFEPGLGMEHCDTLNVSLQMGSNKGASQRGMTVYGLPRQVYDPKYCLTPEYPEL GEPAHNHHAHNYNSA
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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