

## Recombinant Calponin 1, Basic (CNN1)

Cat No. :KF-P1662

**表达系统:** E. coli

**蛋白结构序列:** Met1~Tyr268

**蛋白编号:** P51911

**产品别称:** Calponin-1, Sm-Calp, SMCC

**分子量:** 34.2 kDa (305aa), (SDS-PAGE under reducing conditions)

**纯度:** >95% as determined by SDS-PAGE.

**内毒素:** ≤10EU/mg as determined by LAL test.

**标签:** N-6His

**冻干 Buffer:** Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

**复溶方式:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT

**运输条件:** 2-8℃

**保存条件:** Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

**生物活性:** 待查。

**功能:** 与细丝相关的蛋白, 参与调节和调节平滑肌收缩。它能够与肌动蛋白、钙调蛋白和原肌球蛋白结合。钙调蛋白与肌动蛋白的相互作用抑制了肌球蛋白 Mg-ATP 酶的活性 (根据相似性)

仅供科研或生产使用, 不可直接应用于人体。