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TBCA, 1-108aa, Human, Recombinant, E.coli

产品货号: TP04156

第三版

**别名:**Tubulin folding cofactor A, chaperonin cofactor a, tubulin specific chaperone a, TBCA, Tubulin folding cofactor A CFA, Co chaperonin associated with a & b tubulin, Cofactor A, TCP1 chaperonin cofactor A, Tubulin cofactor a.

**描述:**Tubulin folding cofactor A, also known as TBCA, is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin in a quasi-native confirmation. This protein is essential for cell viability and its knockdown produces a decrease in the amount of soluble tubulin, modifications in microtubules and G1 cell cycle arrest. Recombinant human TBCA protein was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20 mM Tris-HCl buffer pH 7.5 containing 1 mM DTT, 10% glycerol

**分子量:**12.8 kDa (108aa), confirmed by MALDI-TOF.

**序列:**

MADPRVRQIKIKTGVVKRLVKEKVMYEKEAKQQEEKIEKMRAEDGENYDIKKQAEILQESRMMIPDCQRRLEAAYLDLQ  
RILENEKDLLEEAEYKEARLVLDVSKLEA

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.