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TBCB, 1-244aa, Human, His tag, E.coli

产品货号: TP04157

第三版

别名:Tubulin folding cofactor B, CG22, CKAP1, CKAPI

**描述:**Tubulin folding cofactor B, also known as TBCB, belongs to the Microtubules family. Biosynthesis of functional microtubules involve the participation of several chaperones, termed Tubulin folding cofactors A (TBCA), B (TBCB), D (TBCD), E (TBCE) and C (TBCC), that act on folding intermediates downstream of the cytosolic chaperon, alternatively named TCP. TBCB is a 244 amino acid cytoplasmic protein containing one CAP-Gly domain and is widely expressed. TBCB is involved in the regulation of tubulin heterodimer dissociation and may function as a negative regulator of axonal growth. Recombinant human TBCB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol

**分子量:**29.9 kDa (268aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMEVTGVSAPTVTVFISSSLNTRSEKRYRSRLTIAEFKCKLELLVGSPASCMELELYG  
VDDKFYSKLDQEDALLGSYPVDDGCRIHVIDHSGARLGEYEDVSRVEKYTISQEAYDQRQDTRVRSFLKRSKLGRYNEEERA  
QQEAEAAQRLAEEKAQASSIPVGSRCVRAAGQSPRRGTVMYVGLTDFKPGYWIGVRYDEPLGKNDGSVNGKRYFECQ  
AKYGAFVKPAVVTVGDFPEEDYGLDEI

**纯度:**> 95% by HPLC

**浓度:**0.5 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.