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JTB, 31-105aa, Human, His tag, E.coli

产品货号: TP02712

第三版

**别名:** Jumping translocation breakpoint, hJT, HJTb, HSPC222, PAR

**描述:** Jumping translocation breakpoint, also known as JTB, is required for normal cytokinesis during mitosis. This protein plays a role in the regulation of cell proliferation. This protein may be a component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. It inhibits apoptosis induced by TGFB1. Overexpression induces swelling of mitochondria and reduces mitochondrial membrane potential. Recombinant human JTB 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 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:** 10.7 kDa (98aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSEAPVQEEKLSASTSNLPCWLVEEFVVAEECSPCSNFRAKTTPECGPTGYVEKITCSSS  
KRNEFKSCRSALMEQRL

**纯度:** > 95% by HPLC

**浓度:** 0.25 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.