

32-4038: Recombinant Human Jumping Translocation Breakpoint

Alternative Name : Protein JTB, Jumping translocation breakpoint protein, Prostate androgen-regulated protein, PAR protein, Jumping Translocation Breakpoint, JTB, Jumping translocation breakpoint, hJT, HJT, HSPC222, PAR.

Description

Source : Escherichia Coli. JTB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 98 amino acids (31-105 a.a.) and having a molecular mass of 10.7kDa. JTB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Jumping Translocation Breakpoint (JTB) takes part in the regulation of cell proliferation and is essential for cytokinesis during mitosis. JTB inhibits apoptosis induced by TGF β 1 and increases AURKB activity. JTB is also a part of the chromosomal passenger complex (CPC) which is a key regulator of mitosis.

Product Info

Amount : 10 μ g
Purification : Greater than 85% as determined by SDS-PAGE.
Content : JTB protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSEAPVQEE KLSASTSNLP CWLVEEFVVA EECSPCSNFR AKTTECGPT GYVEKITCSS SKRNEFKSCR SALMEQRL.

