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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,HJTB,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 TGFB1 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 µg
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 AKTTPECGPT GYVEKITCSS SKRNEFKSCR SALMEQRL.

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