9051 Mira Mesa Blvd, #910094
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JTB Human

Jumping Translocation Breakpoint Human Recombinant
RCP1149

Product Overview

Name	JTB Human
Description	
Jumping Translocation Breakpoint Human Recombinant	
Accession (Primary)	O76095
Synonyms	
Protein JTB, Jumping translocation breakpoint protein, Prostate androgen-regulated protein, PAR protein, Jumping Translocation Breakpoint, JTB, Jumping translocation breakpoint, hJT, HJTB, HSPC222, PAR.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
JTB protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS EAPVQEE KLSASTSNLP CWLVEEFVVA EECSPCSNFR AKTTPECGPT GYVEKITCSS SKRNEFKSCR SALMEQRL.	
Precautions	
JTB Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (O76095)