
Product Data Sheet

Product Name: JTB Human
 Cat. No.: GP23729
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein JTB; Jumping translocation breakpoint protein; Prostate androgen-regulated protein; PAR protein; Jumping Translocation Breakpoint; JTB; Jumping translocation breakpoint; hJT; HJT; HSPC222; PAR.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEAPVQEE KLSASTSNLP CWLVEEFVVA EECSPCSNFR AKTTPECGPT GYVEKITCSS SKRNEFKSCR SALMEQRL.		
Formulation	JTB protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

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 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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA