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Datasheet for ABIN7317243

JTB Protein (Fc Tag)



Overview

Quantity:	100 μg
Target:	JTB
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JTB protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Jumping Translocation Breakpoint/JTB Protein (Fc Tag)
Sequence:	Met 1-Leu105
Characteristics:	A DNA sequence encoding the human JTB (076095-1) (Met1-Leu105) was fused with Fc region of mouse IgG at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	JTB
Alternative Name:	Jumping Translocation Breakpoint/JTB (JTB Products)
Background:	Background: Jumping translocation breakpoint, also known as JTB, is a member of the JTB family. Jumping translocation (JT) is an unbalanced translocation that comprises amplified
	chromosomalsegments jumping to various telomeres. JTB is expressed in all normal human

Target Details

tissues studied but overexpressed or underexpressed in many of their malignant counterparts. It is required for normal cytokinesis during mitosis. JTB plays a role in the regulation of cell proliferation. It 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.

Synonym: hJT,HJTB,HSPC222,JTB,PAR

Molecular Weight:

34.7 kDa

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.