

Recombinant Brugia Malayi JTB Protein (31-105 aa), His-SUMO-tagged

Cat. No. JTB-1976B **Lot. No.** (See product label)

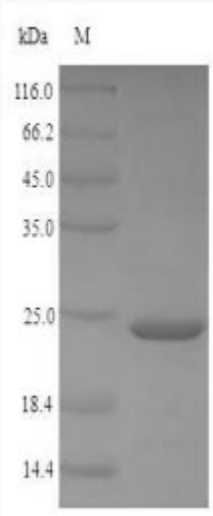
SPECIFICATION

Product Overview	Recombinant Brugia Malayi (Filarial nematode worm) JTB Protein (31-105 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Biology. Protein Description: Partial.
Species	Brugia Malayi
Source	E.coli
ProteinLength	31-105 aa
Description	Required for normal cytokinesis during mitosis. Plays a role in the regulation of cell proliferation. 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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	24.4 kDa
AA Sequence	EAPVREEKLSVSTSTSPCWLVEEFVVTEECAPCSNFQIKSTPECGSTGYMEKITCSP SKRNEFRSCRSALMERHL

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	JTB;
UniProt ID	O77049
	

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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