

Product datasheet for **SC205513**

JTB (NM_006694) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	JTB
Synonyms:	hJT; HJTb; HSPC222; PAR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_006694
Insert Size:	440 bp

Insert Sequence: >SC205513 3'UTR clone of NM_006694
The sequence shown below is from the reference sequence of NM_006694. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGTCGGGAAGCAAAATCGAGTCCATATAGCTACATTCCACCCTTGATCCTGGGTCTTAGAGACCCTA
TCTCAGACAGTGAAAGTGAAATGGACTGATTTGCACTCTTGGTCTTTGGAGCCTTGTTGGTGAATCCC
CTTTTCCCATCTTCTTTTCTTTCAGATCATTAAATGAGCAGAAATAAAGAGTAAATGGTTTCCTTCCCT
TCTGTAACCTTGGAGCAGGAAGTCATGGGGCAGAGAGGAAAGGAGGTGGTTACTTAAGGCCCAATCT
ACCAAGTCTTCCCACTTCTCCCTTGTTCCTTCTTCTACTACTTATTTCAAACCTTCTGGGAT
ACAATTTCACTAAACGTTTATTTCTCACTCAAACTTATTTCCCTCAACCTATACCCAAGAAGA
AATAAATCACAGATACATAACAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_006694.4
Summary:	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. Increases AURKB activity. Inhibits apoptosis induced by TGFB1 (By similarity). Overexpression induces swelling of mitochondria and reduces mitochondrial membrane potential (By similarity).[UniProtKB/Swiss-Prot Function]
Locus ID:	10899
MW:	17