

Product datasheet for **SC201503**

Tbp7 (PSMC4) (NM_006503) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Tbp7 (PSMC4) (NM_006503) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PSMC4
Synonyms: MIP224; RPT3; S6; TBP-7; TBP7
ACCN: NM_006503
Insert Size: 489 bp
Insert Sequence: >SC201503 3'UTR clone of NM_006503
The sequence shown below is from the reference sequence of NM_006503. 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
GACGAGCAGGAGCATGAGTTTTACAAGTGAACCTTCCCTCCACCACCACTCAGGGGCTGGGG
CTTCTCTCGCACCCCGACCTCTGTCCAAAACCTCATTCCCTTTTTTCTTTACCCAGGATTGGTTT
CTTCAATAAATAGATAAGATCGAATCCATTTAATTTCTTCTTAGAAGTTAACTCCTTTGGAGAATGTG
GGCCTTGAATAGGATCCTCTGGGTCCCTCTTAATCTGACAGATGAGCAGACGAGGTGCATGGCCTGGGT
TGCAGCTTGAGAGAACCAAAATATTCAAACCAGATGACTTCCAAAATGTGGGAAAGGGATGAAAAATG
AACCTGAGATGGAGTCTTAATCACGGGATAAAGCCCTGTGCATCTCCCTCATTTCTACAGGTAAG
ACAGTAAAGAAATTCAGGTCACAGGCCTTGGGAGTTCATAGGAAGGAGATGTCCAGTGCTGCCAGTAG
AACTTT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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.

RefSeq: [NM_006503.4](#)



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Summary:

The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the triple-A family of ATPases that is a component of the 19S regulatory subunit and plays a role in 26S proteasome assembly. The encoded protein interacts with gankyrin, a liver oncoprotein, and may also play a role in Parkinson's disease through interactions with synphilin-1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

Locus ID:

5704

MW:

18.9