

## Product datasheet for **SC315686**

### TTC36 (NM\_001080441) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TTC36 (NM_001080441) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC36
Synonyms:	HBP21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315686 representing NM_001080441. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGGGGACTCCAAATGATCAGGCAGTGCTGCAGGCCATCTTCAACCCGTACACCCCATTTGGAGACATT  
 GTTGGATTGGACCTCGGAGAGGAAGCAGAAAAGGAAGAACGAGAAGAAGATGAAGTTTCCCTCAAGCA  
 CAGCTGGAACAGTCCAAGGCCCTGGAGCTGCAGGGGTGATGGCAGCAGAGGCTGGGGACCTCAGCACA  
 GCCCTGGAGAGGTTTGGCCAAGCCATCTGCCTGCTGCCTGAGAGGGCTTCAGCCTACAACAACCGTGCC  
 CAGGCCCGGCGACTCCAGGGAGACGTGGCAGGCCCTGGAGGATCTGGAACGCGCGGTGGAGCTGAGC  
 GCGGCCCGGGCCGCGCCGCCCGCCAGAGCTTTGTGCAGCGCGGACTCCTGGCGCGGCTGCAGGGCCGA  
 GACGACGACGCCCGCAGGACTTCGAGAGGGCGGCACGGCTGGGCAGCCCTTCGCGCGGCCAGCTG  
 GTGCTGCTCAACCCCTACGCCGCGCTGTGCAACCGCATGCTGGCCGACATGATGGGGCAGCTGCGCCGC  
 CCCCCTGACAGCCGC**TGA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001080441
Insert Size:	570 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<u>NM_001080441.1</u>
<b>RefSeq Size:</b>	679 bp
<b>RefSeq ORF:</b>	570 bp
<b>Locus ID:</b>	143941
<b>UniProt ID:</b>	<u>A6NLP5</u>
<b>Cytogenetics:</b>	11q23.3
<b>MW:</b>	20.9 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene has three tetratricopeptide repeats and is a chaperone for heat shock protein 70. The encoded protein may function as a tumor suppressor in hepatocellular carcinoma (HCC) since it promotes apoptosis but is downregulated in HCC. [provided by RefSeq, Sep 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note:.</p>