

## Product datasheet for MC212486

### Gtpbp10 (NM\_153116) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Gtpbp10 (NM\_153116) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Gtpbp10  
 Synonyms: 4930545J22Rik; BC034507  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC212486 representing NM\_153116  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGCCTGCGTTGCGCTTTGTTGAGAAAGTATGAAATTCATTGATAACCTGAGAATCTTACCA  
 AGGGAGGAAGCGGTGGAATGGGTTACCCCTGTTAGGTGGAGAAGGTGGAAGAGGTGGTACGCTGGGT  
 TGTGGCCATAAAAATATGACCTTAAAACAACCTAAAACAATATCCTCAGAAACGGTTTGTGGCCGGA  
 GGAGGAGCAAACAGTCGAGTTAGCGCACTGCAGGGCTCCAAGGGAAAGGACTGTGAAGTGCTGCTCCTG  
 TGGGTATCTCAGTAACTGATGAAAACGGCCAAGTCTAGGAGAAGTCAATAAAGAAGAAGACAGAGTTCT  
 GTTGCTAAAGGTGGCCTTGGTGGCAAATTACATACAAATTTCTTACCTTTGAAAGGTGAGAAGCGCATA  
 GTTCACCTTGACCTAAAAGTCATAGCTGATGTAGGCCTAGTAGGATCCCAAATGCTGAAAAATCCTCCT  
 TACTGAGTCGGGTTTCCCATGCTACACCTGTGATTGCAGATTATGCGTTTACAACACTAAGGCCTGAAC  
 CGGAAAGATTATGTACAATGATTTCAAACAGATTTCAAGTGTAGTCTCCAGGTTTGTAGAAGGAGCG  
 CATATGAACAAAGGCATGGGCCACAAGTTCCTCAAGCATTTAGAGAGAACCAGACAACCTGTTTTGTTG  
 TTGATATTTCTGGGTTTCAGCTTTCTTCTGTAACCTCCATATAGGACTGCCTTTGAAACTATAACTTCT  
 CACAAAAGAGTTGGAGTTGTACAAGAAGAACTACAGACAAAACCGCACTCTTAGCAATTAATAAGATG  
 GACTTGCCGGATGCCAAGTTAAACTTCAGGAAGTATGAAGCAGCTCCTGAGCCCTGAAGATTTCTGC  
 ATTTATTTGAAACAAAGATGATTCAGAGAAGGCTCTAGAGTTCCAGCATATCGTTCCCATCTCAACAGT  
 CACTGGGAAGGCATTGCAGAGTTGAAGAGCTGTATAAGGAAAGCACTGGATGAACAGGATGGCAAAGAA  
 AGTGATGCGCATCGGAGCAAACAGTTGCTCAATTTGCAGAGTTCCAGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_153116



<b>Insert Size:</b>	1101 bp
<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">NM_153116.1</a> , <a href="#">NP_694756.1</a>
<b>RefSeq Size:</b>	2932 bp
<b>RefSeq ORF:</b>	1101 bp
<b>Locus ID:</b>	207704
<b>UniProt ID:</b>	<a href="#">Q8K013</a>
<b>Cytogenetics:</b>	5 A1
<b>Gene Summary:</b>	May be involved in the ribosome maturation process.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.