

## Product datasheet for **MC210486**

### Zbtb8os (NM\_025970) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zbtb8os (NM\_025970) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zbtb8os  
**Synonyms:** 2010001H09Rik; 2310028N13Rik; AI851226; Arch; Archm  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210486 representing NM\_025970  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTCAAGAGGAGGAAGATGTTAGAGATTACAATTTGACGGAGGAACAGAAGGCGACCAAGGACAAGT  
 ATCCTCCAGTCAATCGAAAATATGAATATTTGGATCATAACGGCTGATGTCCAGTTACACGCATGGGGAGA  
 CACTCTGGAGGAAGCATTGAACAGTGTGCCATGGCCATGTTTGGTTACATGACAGATACTGGGACTGTG  
 GAGCCCTCCGCACCGTGGAAAGTAGAAACCAAGGGGACGACCTGCAGTCTCTGCTGTTTCACTTTTGG  
 ACGAGTGGCTTTACAAGTTCAGCGCTGATGAGTACTTCATACCCCGGGAAGTGAAGTACTTAATATTGA  
 TCAGAAAATTTCAAGTTACGATCCATTGGGTGGGGAGAAGAGTTCTCACTGTCCAAGCACCCCTCAGGGA  
 ACAGAAGTCAAGGCAATAACGTAAGTCTAGCAATGCAAGTCTATAATGAAGAGAAGCCAGAAGTGGTTGTGA  
 TCATCGACATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_025970  
**Insert Size:** 504 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>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><a href="#">NM_025970.3</a></u> , <u><a href="#">NP_080246.1</a></u>
<b>RefSeq Size:</b>	660 bp
<b>RefSeq ORF:</b>	504 bp
<b>Locus ID:</b>	67106
<b>UniProt ID:</b>	<u><a href="#">Q505B7</a></u>
<b>Cytogenetics:</b>	4 D2.2
<b>Gene Summary:</b>	Component of the tRNA-splicing ligase complex required to facilitate the enzymatic turnover of catalytic subunit RTCB. Together with DDX1, acts by facilitating the guanylylation of RTCB, a key intermediate step in tRNA ligation (By similarity).[UniProtKB/Swiss-Prot Function]