

## Product datasheet for **MC200434**

### Vps72 (NM\_009336) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Vps72 (NM\_009336) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Vps72  
**Synonyms:** Tcf11; YL-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC004834 sequence for NM\_009336  
 GGCTGAAGGCGGCAGCGCAGTCGCTGTAGGCGGTATGAGTTTGGCTGGGGCCGGGCCCCACGAAAAACC  
 GCTGGGAACCGGCTTTCTGGGCTCCTGGAAGCAGAGGAGGAAGATGAGTTCTACCAGACAACTTACGGGG  
 GTTTCACCGAGGAATCTGGAGATGATGAGTATCAAGGAGACCAGTCTGATACGGAGGATGAGGTAGACTC  
 TGACTTTGACATTGATGAAGGGGATGAACCATCCAGTGTGAGAGAATCGGAAGAGCCAAGAAGGAAGCGC  
 AGAGTCGTACCAAAGCCTATAAGGAGCCTCTAAAGAGCTTGAGGCCTCGCAAGGTGAGCAGCCCCAGCAA  
 GCAGCTCCAGAAAGGCCAGAGAGGAGAAGACGCTGCTGCCACTGGAGCTCCAGGACGATGGCTCTGACAG  
 CCGCAAGTCTATGCGTCAGTCTACAGCTGAGCACACACGACAAACGTTTCCCTTCGGGTTCAAGAGAGGCAA  
 GGACAGTCCCGGAGGCGGAAGGGTCCCCACTGTGAGCGACCACTAACCCAGGAAGAGCTGCTCAGGGAGG  
 CCAAGATCACTGAAGAGCTCAACTTACGTTCACTCGAGACCTATGAAAGGCTGGAGGCTGACAAAAAGAA  
 GCAGGTTCAAGAAGCGGAAGTCCCTGGGCCAATAATCACCTACCACTCAGTGACGGTGCCGCTTGTT  
 GGGGAGCCCGGCCCAAGGAGGAAAATGTGGACGTGGAAGGCCTTGATCCTGCTCCTACAGCCTCTGCAC  
 TGCTCCACATGCTGGGACCGGGACTGGAGCTGCCGCTGCCGCCCTCCTGCTCACTGCTCTCGCACCTT  
 CATCACGTTCACTGATGATGCAACGTTTGAAGAGTGGTTCCCCAGGGGCGACCCCCGAAGGTCCCGGTG  
 CGGGAGGTCTGCCAGTGACCCACCGTCCAGCTTTGTACCGGGACCTGTTACAGACATACCCTATGCCA  
 CTGCTAGAGCCTCAAGATCATCCGTGAGGCGTACAAGAAGTACATCACTGCCACGGACTTCCACCCAC  
 CGCCTCGGCGTGGGCCCGGACCCCAACCCCGAGCCACTACCTGGCTCTGGGCTCGAGCCTTGCGT  
 CAGAAGATTGTCATCAAATAGAGACACCTGACCCTAGACAGTCCCTCTCCTCTCCTAACCTGGCTCTCC  
 ACTCCGCCCTCCCTTCTGCCGACCTTCGCCCTTGTTCCTCAGTTCCTCCCTAGTTCATTTCACTTACT  
 TGTGCTCTTCATTTTTTAAATCTAATAAAATGGTAAAATCCTAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_009336  
**Insert Size:** 1107 bp



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<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="#">BC004834</a> , <a href="#">AAH04834</a>
<b>RefSeq Size:</b>	1318 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	21427
<b>UniProt ID:</b>	<a href="#">Q62481</a>
<b>Cytogenetics:</b>	3 F2.1
<b>Gene Summary:</b>	Deposition-and-exchange histone chaperone specific for H2AFZ, specifically chaperones H2AFZ and deposits it into nucleosomes. As component of the SRCAP complex, mediates the ATP-dependent exchange of histone H2AFZ/H2B dimers for nucleosomal H2A/H2B, leading to transcriptional regulation of selected genes by chromatin remodeling.[UniProtKB/Swiss-Prot Function]