

## Product datasheet for **MC222545**

### Zzz3 (NM\_001080755) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zzz3 (NM_001080755) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zzz3
Synonyms:	3110065C23Rik; 6430567E01Rik; AA408566; AI481057; AW556059; R75514
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

&gt;MC222545 representing NM\_001080755

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGTAGGGACTTGCCATAGTATGGCTGCTCCCGATCTACTCGTGTACAAGATCAACAGTGGGGTTAA  
ACGGCTTGGATGAATCTTTTTGGTAGAACTTTAAGGAATCGTAGCATTGCTCACCCAGAAGAAATCTC  
TTCTATTCTCAAGTACGATCAAGATCACCAAAGAAGAGAGCAGAGCCTGTGCCAACTCAGAAAAGGAACC  
AATAATGGAAGAACCTCTGATGTGAGACAGCAGAGCGCTCGAGACTCATGGGTGAGCCCTAGGAAAAGAA  
GACTTTCTTCTCGAAAAGGATGACCTGGAAAGGCAGGCCCTAGAGAGTTGTGAGAGGAGGCAGGCAGA  
GCCAGCACCCAGTCTTAAGAACATTAACCGCTGTCTTAGAGCTGAAGCCACAATAGTTCAGAAGAA  
GATTCGCCTGTAAAACCAGACAAGGAGCCAGGAGAACACAGGAGGATAGTAGGGACCATGATGCAGACT  
TTCAAGGGGCTAAACGAGCTTGTGATGTCTTATTGGATGATTGTGAGAAAAGGGAAGTTAAAAAGGT  
GAATGTCAGTGAGGAAGGCCACTTAATGCTGCAGTAGTAGAAGAAATCACAGGCTATTTGACTGTCAAT  
GGTGTGATGACAGTGACTCAGCTGTTATAAACTGTGATGACTGTCAGCCTGACGGGAACACTAAACAAA  
ATAACCTGGTTCCTGTGTGCTGCAAGGAAGAATCAGTAGCTGGAGATGGGGATTCCGAAAACCCAGACCTC  
AGTGTCTGTGGTAGTAGGAAGGAGGACAGTTGTATAGACCATTTTCGTGCCTTGCAAAAGTCTGATGTG  
CAGGTCAAGTTGGAGGACCACAACTAGTAACCTGCCTGCCTACCTGTGGAACGACGAAAATCAGCTGACTG  
CCGAGTCAGCTTCAGGCCCTGTTTCTGAAATTCAGTCATCCTTAAGAGATTCTGAGGAAGAAGTAGATGT  
GGTGGGAGATAGCAGTGCCTCCAAGAGCAGTGTAAAGAGAAGCAGTAACCCCTGGACACGGGTTCT  
GAACGCATGCCAGTCTCTGGAGAGCCAGAGCTGCCTCTATCCTAGACTGTGTTTCAGCTCAGATGACAT  
CTTTATCAGAACCTCAGGAACATCGGTACACCCTGAGAACTTCACCTCGGAGGGCGCCCTGGCCGAAG  
TAGTCCTACTAAAACCACATCTCCTTACAGAGAAAATGGACAGTTGGAGGAGACTAATCTCAGTCCCCAG  
GAAACAAACACGACCGTTAGTGATCATGTGAGTGTCTCCACAGATCCTGCCGAAGTTCCTCAAGATG  
GAAAGGTTCTATGTTGTGACTCTGAAAATATGGAAGTGAAGGACTAAGTAAGCCACCCTCAGAGGCCAG  
AGTGAATATTGGACATTTGCCATCTGCCAAGAGAGTGCAGTCAGCACACTGCCGAGGAGGAAGATGAT  
GACCCTGATGTTTATTACTTTGAATCAGATCATGTGCACTGAAACACAACAAAGATTATCAGAGACTGC  
TACAGACCATTGCTGTACTTGAGGCTCAGCGTTCCCAAGCAGTGAAGACCTGAAAAGTTTAGGCAAAACA  
CCAGAGAGAAGCACTAAAAATCCTATTGGATTTGTGGAGAACTTCAGAAGAAGGCTGACATAGGGCTT  
CCATACCCACAGAGATTGTTTCAGTTACCTGAGATCATGTGGGACCAGTACACCAATAGCCTTGGGAACT  
TTGAAAGAGAATTTAAACACCGCAAAAGACATACTAGGAGAGTTAAGTTAGTTTTTGATAAAGTAGGGTT  
GCCCGCTAGACCAAAAAGTCTTTAGATCCTAAGAAGGATGGAGAATCCCTTTCGTACTCCATGTTGCC  
TTGAGTGATGGTCCAGAAGGCTCCCATAAACCGTCTCAGATGATAAGAGGTCGCCTGTGTGACGACAGCA  
AGCCCCGAGACCTCAACCAGCTGTGGACTGTTGAAGAACGAAAAAACTCGAACGCTACTCCTGAAATA  
CCCTCCGAAAGAAGTAGAATCTCGGCGGTGGCAGAAGATTGCTGATGAAGTGGCAACCCGGACAGCCAAA  
CAGGTCCGAGTCGTGTACAGAAGTACTCATAAAGCTAACGAAAGCCGGCATACCAGTTCAGGCAGAA  
CACCTAACTTATATATACTCCAGAAAGTCTCAACAAGCAGGCAGCAGCACCCCTTAATAAGCACCT  
CTTTAAACCTTCCACTTTCATGACTTCACATGAGCCACCGGTGTACATGGATGAAGATGATGACCCGGTCC  
TGTCTCCATAGCCACATGAGCACTGCTGCTGAGGAGGCCCTCAGATGAAGAAAGCATTCTCATATATA  
GGAGTTTACCTGAATATAAAGAAGTATTACAGTTTAAAAAGTTAAAAAAGCAGAACTTCAACAAATGCA  
AGCAGAAAGTGGGTTTGTGACGACAGTAGGCTTTAAGTGTGATAACTGTGGTGTGGAACCTATCCAAGGA  
GTCCGGTGGCACTGCCAGGACTGCCCTCCAGAAATGTCTTTGGATTTCTGTGACTCTTGTTCAGACTGCC  
CACATGAAACAGATATTCACAAGGAAGACCACCAGTTAGAACCTGTTTATAAGTCAGAGACGTTCTTAGA  
CAGAGATTACTGTGTGCCAGGCACCAGTTATAGTTATCTGGACCCCACTACTTCCAGCCAACAGA  
TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

<b>ACCN:</b>	NM_001080755
<b>Insert Size:</b>	2733 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>	<u><a href="#">NM_001080755.2</a></u> , <u><a href="#">NP_001074224.1</a></u>
<b>RefSeq Size:</b>	7607 bp
<b>RefSeq ORF:</b>	2733 bp
<b>Locus ID:</b>	108946
<b>UniProt ID:</b>	<u><a href="#">Q6KAQ7</a></u>
<b>Cytogenetics:</b>	3 H3
<b>Gene Summary:</b>	<p>Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) represents the longer transcript and encodes the longer isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>