

## Product datasheet for **MC206196**

### Zdhhc7 (BC075666) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc7 (BC075666) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc7
Synonyms:	AL024087; Gramp2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC075666  
 CTGCTGCCTCTCCTCAAGAACC GCGAGTTCTTGAAGCCCGGTCTTGGATGAAATCGCCAGAGCCTCC  
 CCGCGATCCGCTCCCGGAAGCCCCGGGCGCGGACCGGAAGGACGCAGGCGCAGCGTCTTGACCTCGG  
 CCTGGTCCAGTTCGGGGTGTTCGGCTCGGCTGTGCCAGTTCGGCGTCGGGCTCCCGCTTCTGTGGGG  
 CTGCTGCCTCTCGCCACCGGCCGCGCCGAGCAGCGCGGAACCGAGCCGGATCCGGGTCCACCCG  
 GCCCGGCATGAGCGCTGCCGCATGATGCGTCGCCGCCCGCGCGTTCAGCCGCCGCCACCAGGAGCC  
 TCAGACTGGGCGACCCCGCCGGGCTCGGGCCACATCACACAGGACAGCATGCGGGCTTACAGTCTGA  
 AAAAAAGGCACAAGTGCTCCCATGATGCTTAAAAGCAACTTGAAGGGTGTTCAGGGAATCATGCAGCC  
 GTCGGGACACAGGCTCCGGGACATCGAGACCATCCTCTCCTGACTGACAATGACAATTACGACTCAGCA  
 TCCTCTTCGTCTCCGAGACTGACATGGCAGACAGGGTGTGGTTCATCCGAGATGGCTGTGGCATGGTCT  
 GTGCTGTCATGACGTGGCTTCTCGTGTCTATGCAGACTTCGTGGTGACCTTTGTGATGCTGCTGCCTC  
 CAAAGACTTCTGGTACTCCGTGGTGAACGGAGTCTCTCAACTGCTTGGCGGTGCTCGCGCTGCCTCC  
 CACCTGAGAACCATGCTCACTGACCCGGGTGCTGTCCCAAAGGCAACGCCACGAAGGAGTACATGGAGA  
 GCTTGCAGCTGAAGCCAGGCGAGGTGATCTACAAGTGCCCAAGTGTGTCATCAAGCCGGAACGTGC  
 CCACCCTGCAGTATTTGCAAGAGATGCATTGCAAGATGGACCATCACTGCCCGTGGGTGAACAACTGC  
 GTCGGGGAGAAGAATCAGAGGTTCTTCGTGCTTTTACCATGTACATAGCTCTGTCTTCGGTTCATGCTC  
 TGATTCTCTGTGGGCTTCAAGTTCATCTCCTGCGTCCGAGGGCAGTGGACAGAGTGACAGGACTTCTCTCC  
 TCCATAACTGTAATCCTGTTGGTCTTCTGTGCTTGGAGGCCCTCTGTCTTACCTTACCAGCAGTC  
 ATGTTCCGCACCCAGATCCACTCGATATGCAATGATGAAACAGAGATCGAGAGGCTGAAGAGCGAGAAGC  
 CCACGTGGGAGCGCAGGCTGCGGTGGGAAGGAATGAAGTCTGTCTTCGGGGGCCCTCCCTCCCTCTGTG  
 GATGAACCCCTTCGTTGGCTTCCGACTCAGGCGGCTGCAGATGAGGACCAGGAAAGGAGGCCCGGAGTTC  
 TCTGTGAGCCTTCAAGGTGGGAATGTCTGCAGACATCCGTGCTCAGTGGCCTCGGTGCACAGCAGCCT  
 TGTGGGCAGATGGAGCGGGCCAGCTGACGGGCCATGAGCGGCTTCATGGACCACAGGCCACAGGCACTT  
 GTCAATTTCTTTGTGTAAGTGCAGGAGAAGCATGCAGTCCCGGAGGCCATCGTCTCACCATCCTGACCC  
 TTGGGATGTCGCGTGGGCACCCACGGGTGGAGTTGCTTCTCAGTCATGAAGAAAGCCAGCACAGCAGCGC  
 TGGGAGTCTGTGCCCCATCCCGAGCACCCTTACCAGAAAGAGGGGTTCCACAGAGACTGTGCC  
 TTGGAGGCTCTGACACCCAGCACTGAACAGTGAAGCAGCTTCCAGAACACTCCCTGTGCCCGGAAC  
 GGGCATCCTTTGACCCTCCAGCAAGTCTGTGTGTGCTCATCCTTGTGTGTCTGTGTGGTGTGTGTGTGT  
 GTGTGTGTGTGAGCATGTGTCAGAGTCAGCAGTGTGTTGAGGCACGTATGTGGTAGACAAGCTGTCTTT  
 CAGACTCCAGTGTTCAGGGAAGTGGGACGCACTGCTGGCCCTTGTGGCCTACTATGAATGTATCCTAC  
 AGTGTCCAGATCCAAAGAACAGGCATGCCTGTGCATGGGCCCGGCTCCTGCTTTTATTTCACTGAAAT  
 TTAGTGTTCAGGCGGTGGAGCTGAGGTTTGTGTTCCAGCCAAACTGCAACTGCAACAGTCTCTCAAC  
 AGGGAGAGTGGTAGCCATGCTGAGGCCACGCGTTTGGGGCAGGGGCCATGAGGAGCTCAGCGTGAGAA  
 GCCACTAGGGGCCCTTGGGGCAGGTGCTGCAGGGTGAAGCAGCCTGGTGCCTGAGCTGTGAGAGTGGT  
 ATATGTGACTATTTCTTACCATGGCACCCGAGTCAGTGGAGCCTTGGTGGGGCTTAGAATCCCGTCA  
 GTACACAAACAGCTCCCTCAGGGGATTTGCCTAACCCTGGTGTGCTTGTGCTGGGTGAGAGCA  
 GTCTGACAGAGTCTGGGACTTCTGAGAGTCTTCTCCCATGCAGACACCAGTGTTCCTTCTGGGACC  
 AGCTGCCCTTCTGTCCCTGGGACACCATGACTGTTCTTTCCGTGTGAGTGTGCTTGTGCCCTGCCCTCATC  
 TGGGCTCCTGTGCTACTGAGGTGACCCACAGGACCTGAGCCGAGCCCTCATGCAGCGGCAATCTCTGG  
 GGCCCAAGTCCCTGCAGAGGGACATCGAGGCCTCAGATTGTCTCTGCGTTCCTTTGCACACGTGTGCGG  
 CATGTAGGCTCTGGCGGTCTCACCTCCAGTGTGGAGTCTGTGCGGTGAACCAAGCTGAGTATACTTGA  
 CTTTTCAATTCCTCAGTGTGATTTTATATGAAATAAAGTAACCCGTCCACAGTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** BC075666  
**Insert Size:** 927 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="#">BC075666</a> , <a href="#">AAH75666</a>
<b>RefSeq Size:</b>	2874 bp
<b>RefSeq ORF:</b>	927 bp
<b>Locus ID:</b>	102193
<b>Cytogenetics:</b>	8 E1
<b>Gene Summary:</b>	Palmitoyltransferase with broad specificity (PubMed:15603741, PubMed:25253725). Palmitoylates JAM3 (By similarity). Palmitoylates SNAP25 and DLG4/PSD95 (PubMed:15603741, PubMed:25253725). Palmitoylates sex steroid hormone receptors, including ESR1, PGR and AR, thereby regulating their targeting to the plasma membrane and their function in rapid intracellular signaling upon binding of sex hormones (By similarity). May play a role in follicle stimulation hormone (FSH) activation of testicular Sertoli cells (By similarity).[UniProtKB/Swiss-Prot Function]