

## Product datasheet for **RN210777**

### Zdhhc5 (NM\_001039338) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc5 (NM_001039338) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc5
Synonyms:	DHHC-5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210777 representing NM\_001039338  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCGCAGAGTCTGGAAGAGATTCAAACCCAGCAAGTATGTACCGGTCTCAGCAGCCGCCATATTTCC  
 TAGTGGGAGCTACAACACTCTTCTTTGCCCTTACGTGTCCAGGACTAAGCCTGGATGTGTACCTGCAGT  
 GCCATTTACAATGCGATTATGTTCTTTTCGTGCTGGCCAACCTCAGCATGGCCACCTTTATGGACCCA  
 GGAATTTTCCCCGAGCTGAAGAAGACGAAGACAAAGAAGATGATTTCCGAGCTCCCCTTACAAAAACAG  
 TGGAGATCAAGGGTATCCAGGTGCGAATGAAATGGTGCGCCACCTGCCGCTTTTACCGCCCTCTAGATG  
 CTTCCACTGCAGTGTCTGTGACAACCTGTGTGGAGGAATTTGATCATCACTGCCCTTGGGTGAACAACCTGT  
 ATTTGGTCGCAGGAACACAGATACTTCTCCTTTTCTCCTTTCCCTGACAGCCACATCATGGGTGTGT  
 TTGGCTTTGGCCTCCTTTATGTCCTCTGTCACATAGAGGAACCTCAGGGGTCCGAACTGCTGTCAACAT  
 GGCAGTGTGTGTGGCTGGCTTGTGTTTTTCATCCTGTAGCTGGCCTCACAGGATTTTCATGTTGGTGTG  
 GTGGCCAGGGGACGCACAACCAATGAACAGGTTACAGGAAAATTCGGGGAGGTGGAATCCCTTTACCA  
 ATGGCTGTTGTAACAATGTTAGCCGTGTCTCTGCAAGTCTCCAGCACCCAGGATTTTGGGGAGACCAAA  
 GAAAGAGAAGACAATTGTAATCAGACCCCTTTCTTCGACCAGAAGTGTGAGATGGGCAGATAACTGTG  
 AAGATCATGGATAATGGCATCCAGGGGAACTGAGGAGGACTAAGTCTAAGGGAAGCCTAGAGATAACAG  
 AGAGCCAGTCTGCGGATGCGGAACCTCCACCTCCTCCTAAGCCAGACCTGAGCCGATACACAGGGCTTCG  
 AACACACCTCAGCCTGGCTACTAATGAGGATAGCAGTCTCTTGGGCAAAGACAGCCCCCTACACCTACC  
 ATGTACAAGTATCGGCCAGGTTACAGCAGCAGTAGCACATCAGCCGCCATGCCTCATTCTCCAGCGCCA  
 AGTTGAGTCTGGAGACAGCTTGAAGGAACCAACTTCAATTGAGATAGCAGCCGCCATCCAGTACCCG  
 CTCAGAACCAGCTTGGAGCCAGAGAGCTTCCGGTCTCCCACTTTTGGCAAAGCTTTCATTTTGTATCCT  
 TTGTCCAGTGGTTCACGATCCTCCAGCCTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT  
 AGTCCATTGTTGAGAGGACACCACCTCCACCTCCTATAAGAGCCTGGCCAATCAGACACGCAATGGAAG  
 TCTATCTTATGACAGCCTACTACTCCTCAGACAGCCCTGATTTTGTGAGTACAGGCAGGGCCTGAG  
 CCAGACCCACCTTAGGCTACACCTCTCCCTTCTGTGAGCCGGCTGGCCAGCAACGGGAAGCCGAGA  
 GGCACCCACGTTTGTGCCAAGTGGCCACCACACCGAGAGCCCTCACCAGTCCGTTATGACAATCTGTC  
 TCGCCACATCGTGGCCTCCCTCAGGAACGAGAGAAGTGTACGACAGTCACTCCACTGCAGGCCGT  
 GAGGAAGAACCAGGCTTGGGAGACTCAGGCATTCAGTCAACACCAGGCTCAGGCCATGCCCCCGTACTA  
 GTTCTCCTCAGATGATTCCAAGAGATCACCTTGAGCAAGACTCCACTGGGACGCCAGCCGCTCCCCCG  
 TTTTGGCAAACCAGATGGGTTAAGAGGCGGGGACTAGGGTCCCCTGAACCAGGCACAACAGCCCTAC  
 CTGGGCCGATCGATGTCTATAGCAGCCAAAAGCCCATCTGGTGTGTCTGAGACAGAGGAAGTAGCAC  
 TGCAGCCATTACTGACACCCAAAGACGAAGTACAGCTCAAGACCCTACAGCAATCCAATGGGCAGCC  
 CAAGAGTATAGGCTCAGCTTCCCTGGCCAGGCCAGCCACCTCTCAGTAGCCCCACAAGGGGAGGAGTC  
 AAGAAGGTGTGAGGGTGGTGGCCACCCTTACGAGATTTCTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001039338  
**Insert Size:** 2148 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).

<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_001039338.1</a></u> , <u><a href="#">NP_001034427.1</a></u>
<b>RefSeq Size:</b>	2697 bp
<b>RefSeq ORF:</b>	2148 bp
<b>Locus ID:</b>	362156
<b>UniProt ID:</b>	<u><a href="#">Q2THW7</a></u>
<b>Cytogenetics:</b>	3q24
<b>Gene Summary:</b>	Palmitoyl acyltransferase for the G-protein coupled receptor SSTR5 and for FLOT2. [UniProtKB/Swiss-Prot Function]