

## Product datasheet for RN208159

### Zdhhc18 (NM\_001039339) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Zdhhc18 (NM\_001039339) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Zdhhc18  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
Fully Sequenced ORF: >RN208159 representing NM\_001039339  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGGACTGCGAGTATCAGCAGATAAGCCCCGGGGCCGCCCCCGCCACCCGCTTCCCCGGGGTGCATC  
GCCCCGGCCCCCGCGCCCCCGGTCCAAGCCCCGGGCCCGCCTGGCGCGCCGCGCTGGAGTGTGAG  
CGGCAGCGGCAGTGGCAGCGGCAGCGGCAGCGGGAGCCTGGGCCCGCCGCGCGGTAAGTGGGAGGTG  
TTCCCGGGCCGCAACCGCTTCTACTGCGGCGGCCCTCATGCTGGCCGCCACGGCGGCGTCTTCGCGC  
TCACGCTGCTGCTCATCCTCAGCACCACCATCCTCTTCTCATCTTCGACTGTCCCTACCTGGCCCCAC  
ACTGACCTGGCCATCCCCATCATCGCCGCCATCCTCTTCTTCTCGTCATGAGCTGTCTCCTGCAGACC  
AGTTTCACTGACCCCGGCATCCTACCCCGGCCACCATCTGTGAGGCAGCTGCCCTGGAGAAGCAGATCG  
ATAACACAGGCAGTTCACATACCGCCCCCCCCCTCGACTCGGGAGGTGATGATCAACGGACAAATGGT  
GAAGCTCAAGTATTGCTTCACTGTAAGATGTTCCGTCGCCCCCGGACCTCACACTGCAGTGTCTGTGAC  
AACTGTGTGGAACGGTTTGACCATCACTGCCCTGGGTGGCAACTGTGTGGGAGACGGAATTACCGCT  
TCTTTTATGCCTTATTCTCTCCCTCTCCTTCTGACGGCCTTCTCTTCGCTGCGTGGTCAACCCACT  
GACCCTGCTTTCACAAGGAAGCAATTTCTCTCTGCTCTAAATAAGACACCAGCAGGTGTGCTGGAGTTG  
GTCATTTGCTTCTCTCAATCTGGTCCATCCTGGGCTCTCAGGGTTCCACACTTACCTCGTGGCCTCCA  
ACCTGACAACAAATGAAGACATCAAAGGTCTTGGTCCAGCAAGAGGGTGGTGAGGCCTGTGCAACCC  
CTACAGCCATAAAAGTATTATCACCAACTGCTGTGCTGTGCTCTGTGGCCCACTGCCTCCAGCCTGATC  
GACCGGAGGGGATTTGTGAGTCTGATACTGTGCTGCCCTCGCCCATCAGAAGTATGAGCCAGCCTGTG  
GAGCCAAGCCAGACGCCAGCATGGTAGGAGGCCACCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
ACCN: NM\_001039339



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<b>Insert Size:</b>	1161 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_001039339.1</a></u> , <u><a href="#">NP_001034428.1</a></u>
<b>RefSeq Size:</b>	2933 bp
<b>RefSeq ORF:</b>	1161 bp
<b>Locus ID:</b>	362613
<b>UniProt ID:</b>	<u><a href="#">Q2TGJ1</a></u>
<b>Cytogenetics:</b>	5q36
<b>Gene Summary:</b>	Has palmitoyltransferase activity towards HRAS and LCK.[UniProtKB/Swiss-Prot Function]