

## Product datasheet for **SC126428**

### ZDH12 (ZDHHC12) (BC048251) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZDH12 (ZDHHC12) (BC048251) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZDH12  
**Synonyms:** DHHC-12; ZNF400  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for BC048251 edited  
GGCCCCGGGCGAGGCGATGGCGCCCTGGGCGCTCCTCAGCCCTGGGGTCTGGTGCGGA  
CCGGGCACACCGTGTGACCTGGGAATCACGCTGGTGTCTTCTCAGCATAACCGATA  
AAAGTGCAGATGAACTGCTGGCCACACAGCCACTCATGGAACCAACATCTCCAGGCCT  
TTGCTCAGCCAGGAACACTTCCCCACCTCCTCACTGCACCCCAACCCCACTCCTG  
TTCTACCCGGCCAGCCTCACTGTGCTCTCCGGCCTCTCCAGAGCTGCGCAATGGGAGG  
AGCAGGGGGAGCTGCTCTGCCCTCACCTTCTGCTCCTGGTGTGGGCTCCCTGCTGC  
TCTACCTCGTGTGCTCACTCATGGACCCTGGCTACGTGAATGTGCAGCCCAGCCTCAGG  
AGGAGCTCAAAGAGGAGCAGACAGCCATGGTTCCTCCAGCCATCCCTCTTCGGCGCTGCA  
GATACTGCCTGGTGTGCTGAGCCCTGAGGGCTCGGCACTGCCGTGAGTGCCGCCGTTGCG  
TCCGCCGCTACGACCACCTGCCCTGGATGGAGAAGTGTGGGAGAGCGCAACCACC  
CACTCTTTGTGGTCTACCTGGCGCTGCAGCTGGTGGTGTCTTGTGGGGCTGTACCTGG  
CATGGTACAGCCTCCGGTTCTTCCAGCCCTGGGGTCTGTGGTTGCGGTCCAGCGGGCTCC  
TGTTCCGCACCTTCTGCTGTGCTCCCTCTTCTCGTTGGTGGCCAGCCTGCTCCTCGTCT  
CGCACCTTACCTGGTGGCCAGCAACACCACCTGGGAATTCATCTCCTCACACCGCA  
TCGCCTATCTCCGCCAGCGCCCCAGCAACCCCTTCGACCGAGGCCTGACCCGCAACCTGG  
CCCCTTCTTCTGTGGATGGCCCTCAGGGTCTGGGAGACCCTCTGGGCTGAGGAGGAGG  
AAGAGGGCAGCAGCCAGCTGTTTAGGGTTGCTGGAGGCCGGGTACCGTCTTGTGCCTG  
AAAACCAAGGGGCTGTCCCAGCTGGGGTGGGCTCAGAGGCCTGGGGCCCTCACTC  
CTGCCCACGCCTCCAGACCCCAAGACGGAGCTTCAAGTCAAGACAGATCCCTGCCTGGT  
GGGCAGTTCTGCCTTCCAAGGAAGAAGGGGAAGAAAAGGACCTGTGGGTGGCTCAGGCC  
AAGCAGACCCCGGGCTCCACCCAGCCCGCCAGGCTGTGCCAGTGCACACTTTTACA  
AATTTAATATAAAGCAAGTCCAGTCTTAAAAAGACAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** NotI-NotI



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<b>ACCN:</b>	BC048251
<b>Insert Size:</b>	1300 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="#">BC048251.1</a> , <a href="#">AAH48251.1</a>
<b>RefSeq Size:</b>	1351 bp
<b>RefSeq ORF:</b>	966 bp
<b>Locus ID:</b>	84885
<b>Cytogenetics:</b>	9q34.11
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates. Has a palmitoyltransferase activity toward gephyrin/GPHN, regulating its clustering at synapses and its function in gamma-aminobutyric acid receptor clustering. Thereby, indirectly regulates GABAergic synaptic transmission.[UniProtKB/Swiss-Prot Function]