

## Product datasheet for **MG226543**

### Zdhhc15 (NM\_175358) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zdhhc15 (NM\_175358) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Zdhhc15  
**Synonyms:** 6030457O13Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG226543 representing NM\_175358  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCGCGGGGCTGGAAGATGGCTCTGTCTGGGGGTTGCGGTGCTGCCCGGGTACTGTCCTGGGTGC  
 CAGTGCTCGTTATTGTCCTCGTCGTTCTCTGGTCTACTATGCCTACGCTTTGAACTCTGCCTGGTGAC  
 TGTTTTGAGTCCAGCGGAAAAAGTTATCTACCTCATACTCTATCATGCCATTTTTGTGTTCTTTGCATGG  
 ACCTACTGGAAGTCTATCTTCACTCCACAGCAGCCAAACCAGAAGTCCACTTGTCTATACAGACA  
 AGGAGCGCTATAAAAATGAAGAGAGACCTGAGGTCCAGAAGCAGATGCTTGTGGACATGGCCAAGAAGTT  
 ACCAGTGTACACAAGAACCAGGAGTGGAGCTGTACGGTCTGTGACCGGTGCCATCTAATCAAGCCAGAC  
 CGCTGCCATCACTGTTCTGTCTGTGCCATGTGTGTTTTAAAAATGGACCATCACTGCCCATGGGTTAATA  
 ACTGCATTGGATTTTCCAACACAAATCTTCTTCTCAGTCTTAGCTTATTCCGTTCTCTACTGCCTGTA  
 CATTGCTACAACAGTCTTCACTACTTCAATACTGGAGAGGGGAATTGCCAGTGTTCGCTCTAAG  
 TTCCATGTCTCTTTCTCCTCTTTGTGGCTGCATGTTTTTTGTCAGCCTTGATCTCTTTGGTTACC  
 ATTGTTGGCTTGTGAGCAGAAACAAACTACCTTAGAGCCTTCTGCACACCAGTATTCACAAGTGGACC  
 AGAGAAAAATGGGTTCAATCTTGGCTTCATCAAGAATATTCAGCAGGTGTTTGGCGATAATAAGAAGTTC  
 TGGTTAATACCCATTGGGTCCAGCCCTGGTGATGGACACTCCTTCCCTATGAGGTCTATGAATGAGTCAC  
 AGAACCCGCTGCTGGCAAATGAGGAACCTGGGAAGACAATGAGGATGATAGTCGAGATTATCCAGAAGG  
 CTCATCATCACTTGTGTGGAGTCGGAACG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG226543 representing NM\_175358  
 Red=Cloning site Green=Tags(s)

MRRGWKMALSGGLRCCRRVLSWVPVLVIVLVVLWSYYAYVFELCLVTVLSPA EKVIYLILYHAIFVFFAW  
 TYWKSIF TLPQQPNQK FHL SYTDKERYKNEERPEVQKQMLVDMAKKLPVYTRTSGS GAVRFC DRCHLIKPD  
 RCHHCSVCAMCVLKMDHHC PWVNNCIGFSNYKFFLQFLAYSVL YCLYIATTVFSYFIKYWRGELPSVRSK  
 FHVLFLLFVACMFFVSLVILFGYHCWLVSRNKTTLEAFCTPVFTSGPEKNGFNLFIKNIQQVFGDNKKF  
 WLIPIGSSPGDGHSPMRSMNESQNPLLANEEPWEDNEDDSRDYPEGSSSLAVESET

TRTRPLE - GFP Tag - V

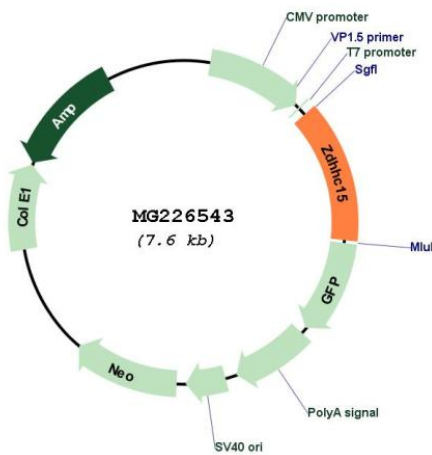
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_175358

**ORF Size:** 1011 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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="#">NM_175358.4</a> , <a href="#">NP_780567.1</a>
<b>RefSeq Size:</b>	5517 bp
<b>RefSeq ORF:</b>	1014 bp
<b>Locus ID:</b>	108672
<b>UniProt ID:</b>	<a href="#">Q8BGJ0</a>
<b>Cytogenetics:</b>	X D
<b>Gene Summary:</b>	Catalyzes palmitoylation of Cys residues on target proteins. Catalyzes palmitoylation of GAP43 and DLG4/PSD95.[UniProtKB/Swiss-Prot Function]