

## Product datasheet for **MG206458**

### Abhd3 (NM\_134130) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Abhd3 (NM\_134130) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Abhd3  
**Synonyms:** AA675331; LABH3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG206458 representing NM\_134130  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAGCGCCTGGCCATGGACCTGCGGGTGTGTCCCGGAGCTGGCGCTCTACCTGGAGCACCAGGTTCC  
 GCGTCGGCTTCTTCGGCTCGGGCGTGGGCTTGTCACTGATCTTGGGATTCAGCGTTGCCTATGCTTGCTA  
 CTACCTGAGTAGCATTGCCAAGAAACCCAGTTAGTGATTGGAGGGGAGAGTTTCAGCCGCTTCTACAG  
 GACCACTGTCCCGTGGTACAGAAACCTATTACCCGACGGTCTGGTGTGGGAGAGCCGAGGACAGACAT  
 TGCTGAGACCCCTTCATCACTTCCAAACCCCGGTGCAATACAGGAACGAACCTATTAACAACTGCAGACGG  
 AGGACAGATCTCACTGGACTGGTTTGATAACAATAACAGTGCGTACTATGTGGATGCCAGCACCAGACCT  
 ACTATCTTGCTCTTGCCCTCACTGGAACAAGCAAGGAATCCTACATCCTTCATATGATCCATCTCA  
 GTGAAGAATTAGGATACAGGTGTGTGGTTTTTAATAACAGAGGAGTAGCAGGAGAAAAGTCTCTTGACACC  
 ACGGACTTACTGCTGTGCGAACACTGAAGACTTGGAGGCCGTCGTCACCCACGTGCACAGCCTGTACCCCT  
 GGGGCTCCTTTCTGGCAGCAGGCGTATCAATGGGAGGAATGCTGCTTCTGAATTACTTGGGTAATAATG  
 GGTCCAAAACCCCTCTGATGGCTGCTGCAACGTTTTCGGTTGGCTGGAACACTTTCGCTTGCTCAGAGTC  
 TCTGGAGAGGCCGCTGAAGTGGCTACTTTTTAATACTACTTAACAACCTGCCTCCAGTCATCAGTTAAG  
 AAGCACCGGCATATGTTTGTGGAGCAGATTGACATGGATCAGGTCATGAAGGCCAAGTCGATCAGAGAGT  
 TTGATAAGCGGTTACCGCGGTTCATGTTTGGGTACCGCACACTCGATGATTACTACACCGATGCCAGTCC  
 AAACCGCAGGCTGAAGTCAAGTGGGAATCCTGTTCTGTGCTGAATGCTACGGACGACGTTTCTCACCC  
 AGCCATGCTATCCAATAGAACTGCTAAACAAAACCTAACGTGGCTTTGGTCTTACAGCCTATGGAG  
 GCCATATTGGTTTTCTGGAGGGAATCTGGCCTAGGCAATGCACCTTACATGGATCGAGTCTTCAAGCAATT  
 TGTACAGGCCATGGTTGAGCACGGACATGAAGTCTCCAACATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206458 representing NM\_134130  
 Red=Cloning site Green=Tags(s)

MQRLAMDLRVLSRELALYLEHQVRVGGFFGSGVGLSLILGFSVAYACYLSSIAKKPQLVIGGESFSRFLQ  
 DHCPVVTEYYPTVWCWESRGQTLLRPFITSKPPVQYRNELIKTAGGGQISLDWFDNNNSAYYVDASTRP  
 TILLPLGLTGTSKESYILHMIHLSEELGYRCVFNRRGVAGESLLTPRTYCCANTEDLEAVVHHVHSLYP  
 GAPFLAAGVSMGGMLLLNLYLKGIGSKTPLMAAATF SVGWNTFACSESLERPLNWLLFNYYLTTCLQSSVK  
 KHRHMFVEQIDMDQVMKAKSIREFDKRF TAVMFGYRTLDDYYTDASPNRRLKSVGIPVLCNATDDVFS  
 SHAIPDIETAKQNPVALVLTAYGGHIGFLEGIWPRQCTYMDRVFKQFVQAMVEHGHEL SNM

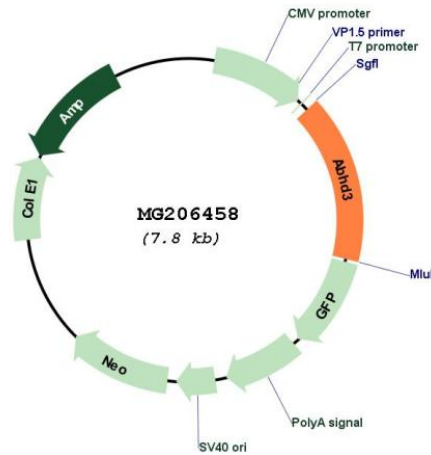
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_134130

<b>ORF Size:</b>	1233 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_134130.1</a> , <a href="#">NP_598891.1</a>
<b>RefSeq Size:</b>	1903 bp
<b>RefSeq ORF:</b>	1236 bp
<b>Locus ID:</b>	106861
<b>UniProt ID:</b>	<a href="#">Q91ZH7</a>
<b>Cytogenetics:</b>	18 A1
<b>Gene Summary:</b>	Phospholipase that may play a role in phospholipids remodeling. May selectively cleave myristate (C14)-containing phosphatidylcholines through its predominant phospholipase 1 activity, cleaving preferentially acyl groups in sn1 position. In parallel, may have a minor phospholipase 2 activity acting on acyl groups in position sn2. In addition to (C14)-containing phosphatidylcholines, may also act on other medium-chain-containing and oxidatively truncated phospholipids.[UniProtKB/Swiss-Prot Function]