

## Product datasheet for **MC226843**

### Abhd10 (NM\_001272070) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Abhd10 (NM\_001272070) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Abhd10  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC226843 representing NM\_001272070  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCCTGGGCCCTTGTCGGAGGTGGGGCTGGGCGGCTGTGTCTTCGGCCGGCACCCGGGCTGA  
 GCGCGTCACTAGCTCGGAAGCCCCACGGGCATGGTGGCTCTCAGCTTGCAGACAAAAGGCATCACTTTC  
 TTTCTTAACCGATCAGAACTCCAAACCTGGCTTATAAGAGGTTAAAAGGCAAAACCCAGGAATTATC  
 TTCATCCCTGGCTATCTTTCTAACATGAATGGTATAAAGGCAGTAGCAGTTGAGGAGTTTTGCAAATCTC  
 TAGGTCACGCCTTATAAGGTTTGACTACTCAGGGATTGGAAGTTCAGATGGTAACTTAGCAGAGTGCAC  
 AGTGGGAAAATGGAGAAAGGATGTCCTTTCCATACTTGATGACGTAGCTGAAGGACCGCAGATACTGGTT  
 GGATCCAGTCTTGGTGGATGGCTCATGCTGCATGCTGCAATTGCACGGCCGAAAAAGTCATAGCTCTTA  
 TTGGTATAGCTACTGCTGCAGATGGATTGGTGACACAATATCATGCACTTCTGTGAGACTCAAAAGGA  
 AATAGAAATGAAAGGTGAGTGGACCTTGCCATCTAGATACAACAAGGAAGGCTATTTGAGAATCCCGTAC  
 AGTTTCATTAAGAAGCGGAGCATCACTGCTTGTGCATAGCCCCATCCCTGTGACCTGCCCTGTACGCT  
 TGCTCCACGGCATGAAGGATGAAATAGTTCCTTGGCAGAGATCCCTGCAGGTCGGGACCGAATAGTCAG  
 CCCAGATGTAGATGTCATCCTCCGAAACAAGGTGCCAGAGTGTGATATATGTGGAGCAGCGACTCCC  
 TCTGAGTGTCCAGTAAACCCCTTGGCACCAGCTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001272070  
**Insert Size:** 879 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001272070.1</a></u> , <u><a href="#">NP_001258999.1</a></u>
<b>RefSeq Size:</b>	1147 bp
<b>RefSeq ORF:</b>	879 bp
<b>Locus ID:</b>	213012
<b>UniProt ID:</b>	<u><a href="#">Q6PE15</a></u>
<b>Cytogenetics:</b>	16 B5
<b>Gene Summary:</b>	<p>This gene encodes a mitochondrially-localized enzyme that acts as a hydrolase. The encoded protein removes glucuronide from mycophenolic acid acyl-glucuronide. There are two pseudogenes for this gene on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (2) uses an alternate exon structure in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.</p>