

## Product datasheet for RN211247

### Abhd17a (NM\_001006983) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Abhd17a (NM\_001006983) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Abhd17a  
**Synonyms:** Fam108a; Fam108a1; RGD1359682; upf0227  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN211247 representing NM\_001006983  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAACGGCTGTCGGTGAGCGAGCTCTGCTGCCTGTTCTGCTGCCACCCTGCCGGGCCGCATCGCGG  
 CCAAGCTCGCCTTCTGCCTCCCGAGCCCACTACTCTCTGGTACCTGAACCCGAGCCGGGGCCCGCGG  
 GGCCGGCGCTGCCCTCGGGTCCCTGCGGACCTCAGCGGCCACCCCGGGCGTGGAAGATCCACCTG  
 ACGGAGCGCGTACTTCCAGTATGGCCAGCGGAGCTGGACACCATTGAGGTCTTCGTGACCAAGAGCG  
 CGCGCGCAACCGCATTGCCTGCATGTATGTGCGCTGTGTACCGGTGCCAGGTACACAGTTCTCTTCTC  
 GCATGGCAATGCGGTGGACCTGGCCAGATGTGCAGCTTTTATGTTGGCCTGGGCACACGCATCGGCTGC  
 AACATCTTCTTACGACTACTCTGGCTATGGCATCAGCTCTGGCCGGCCCTCTGAGAAGAACCTCTATG  
 CTGACATTGACGCTGCCTGGCAGGCCCTGCGCACCAGGTATGGCATCAGCCAGACAGTATCATCTGTAT  
 TGGCCAGAGCATTGGCACCGTGCCACAGTGGATCTGGCGTCACGTTATGAGTGTGCTGCAGTGGTCTG  
 CACTCGCCTCTCACCTCCGGCATGCGGGTGGCCTTCCCTGACACCAAGAAGACCTACTGCTTCGATGCTT  
 TCCCTAACATCGAGAAGGTGTCGAAGATCACGTACCGGTGCTCATCATCCAGGCACAGAAGACGAGGT  
 GATCGACTTCTCACACGGGCTGGCACTGTATGAGCGCTGTCCAAGGCCGTGGAGCCGCTGTGGTGGAG  
 GGTGCTGGGCACAACGACATTGAGCTGTATAGTCAATACCTGGAGCGCCTACGCCGTTTCATCTCCAGG  
 AGCTGCCAGCCAACGCACCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001006983



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<b>Insert Size:</b>	933 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_001006983.1</a></u> , <u><a href="#">NP_001006984.1</a></u>
<b>RefSeq Size:</b>	1517 bp
<b>RefSeq ORF:</b>	933 bp
<b>Locus ID:</b>	299617
<b>UniProt ID:</b>	<u><a href="#">Q5XIJ5</a></u>
<b>Cytogenetics:</b>	7q11
<b>Gene Summary:</b>	Hydrolyzes fatty acids from S-acylated cysteine residues in proteins (PubMed:27307232). Has depalmitoylating activity towards NRAS (By similarity). Has depalmitoylating activity towards DLG4/PSD95 (PubMed:27307232). May have depalmitoylating activity towards MAP6 (PubMed:28521134).[UniProtKB/Swiss-Prot Function]