

## Product datasheet for **SC124274**

### ABHD11 (NM\_148912) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ABHD11 (NM_148912) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABHD11
Synonyms:	PP1226; WBSCR21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_148912, the custom clone sequence may differ by one or more nucleotides

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ATGCGAGCCGGCCAACAGCTTGCAAGCATGCTCCGCTGGACCCGAGCCTGGAGGCTCCCGCGTGAGGGAC
TCGGCCCCACGGCCCTAGCTTCGCGAGGGTGCCTGTCGCACCCAGCAGCAGCAGCGCGGCCGAGGGGG
CGCCGAGCCGAGGCCGCTTCCGCTTTCCTACAGGCTTCTGGACGGGGAGGCAGCCCTCCCGGCCGTCGTC
TTTTTGCACGGGCTCTTCGGCAGCAAACTAACTCAACTCCATCGCCAAGATCTTGCCCCAGCAGACAG
GCCGTAGGGTGTGACGGTGGATGCTCGTAACCACGGTGACAGCCCCACAGCCCAGACATGAGCTACGA
GATCATGAGCCAGGACCTGCAGGACCTTCTGCCCCAGCTGGGCCCTGGTGCCTGCGTCGTTGGCCAC
AGCATGGGAGGAAAGACAGCCATGCTGCTGGCACTACAGAGGCCAGAGCTGGTGAACGTCTCATTGCTG
TAGATATCAGCCAGTGGAAAGCACAGGTGTCTCCCACTTTGCAACCTATGTGGCAGCCATGAGGGCCAT
CAACATCGCAGATGAGCTGCCCCGCTCCCGTGCCCGAAAAGTGGCGGATGAACAGCTCAGTTCGTGCATC
CAGGACATGGCCGTGCGGCAGCACCTGCTCACTAACCTGGTAGAGGTAGACGGGGCCTTCGTGTGGAGGG
TGAACCTGGATGCCCTGACCCAGCACCTAGACAAGATCTTGGCTTTCCACAGAGGCAGGAGTCTACCT
CGGGCCAACACTTTTCTCCTTGGTGGAAACTCCAGTTCGTGCATCCAGCCACCACCTGAGATTATG
CGGCTCTCCCTCGGGCCAGATGCAGACGGTGCCGAACGCTGGCCACTGGATCCACGCTGACCGCCAC
AGGACTTCATAGTGCCATCCGAGGCTTCTGGTCTAA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_148912 unedited            CCCC GTT CAGGATATTTGTATACGACTCACTATAGNNGCGGCCGCGCAATTCGGCACGA            GGCTGCGAGCTAGGGCGGGAGAAGGAGCGCGGGGAGGACGTACCTTGTGAGATGCGAGCC            GGCCAACAGCTTGAAGCATGCTCCGCTGGACCCGAGCCTGGAGGCTCCCGCGTGAGGGA            CTCGGCCCCACGGCCCTAGCTTCGCGAGGGTGCCTGTCGCACCCAGCAGCAGCAGCGGC            GGCCGAGGGGGCGCCGAGCCGAGGCCGCTTCCGCTTCTACAGGCTTCTGGACGGGGAG            GCAGCCCTCCCGGCCGTCGTCTTTTGCACGGGCTCTTCGGCAGCAAACTAACTCAAC            TCCATCGCCAAGATCTTGGCCCAGCAGACAGGCCGTAGGGTGTGACGGTGGATGCTCGT            AACACCGGTGACAGCCCCACAGCCCAGACATGAGCTACGAGATCATGAGCCAGGACCTG            CAGGACCTTCTGCCCCAGCTGGGCTGGTGCCTGCGTCGTGGCCACAGCATGGGA            GGAAAGACAGCCATGCTGCTGGCACTACAGAGGGTGAAGCCCATGTCTGGNGCCTCT            CCCATTCACTATATACCCTGANGGCCCTGCAGGCAACCTGNGACTCACATGATCGTTGGA            TGACCAAGTTCAGGCTCCAGNAGCCATGCCTGAGACTCCCTATGTCTGCCTAAGACTGGT            CCCAGTTCGTTCTCTCCACAGCCAGAGCTGGTGAACGTCTCATTGCTGTAGAATCAG            CCCAGTGAAGCACAGTGTCTCCACTTGACCCACGTTGCAGCCATGAGCCCACTAACT            CGCAGAGACCTGCCCGCTCCCGTCCCGAAACTGGCGGATGACCAGTCATTCTGCATCCA            GAACTGGCCGGCCGCGCAGC</p>
<b>Restriction Sites:</b>	ECoRI-NOT
<b>ACCN:</b>	NM_148912
<b>Insert Size:</b>	4700 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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></p>
<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_148912.2</a> , <a href="#">NP_683710.1</a>
<b>RefSeq Size:</b>	1467 bp

RefSeq ORF: 948 bp

Locus ID: 83451

UniProt ID: [Q8NFV4](#)

Cytogenetics: 7q11.23

**Gene Summary:** This gene encodes a protein containing an alpha/beta hydrolase fold domain. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. [provided by RefSeq, Mar 2016]  
Transcript Variant: This variant (1, also known as A) encodes the longest isoform (1).