

## Product datasheet for **SC110667**

### **ABHD11 (NM\_031295) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ABHD11 (NM_031295) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABHD11
Synonyms:	abhydrolase domain containing 11; PP1226; PP1226, WBSCR21; WBSCR21; Williams Beuren syndrome chromosome region 21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031295, the custom clone sequence may differ by one or more nucleotides

```
ATGCGAGCCGGCCAACAGCTTGCAAGCATGCTCCGCTGGACCCGAGCCTGGAGGCTCCCGGTGAGGGAC  
TCGGCCCCACGGCCCTAGCTTCGCGAGGGTGCCTGTGCGACCCAGCAGCAGCAGCGGCGGCCGAGGGGG  
CGCCGAGCCGAGGCCGCTTCCGCTTTCCTACAGGCTTCTGGACGGGGAGGCAGCCCTCCCGGCCGTCGTC  
TTTTTGACGGGCTTTCGGCAGCAAACTAAGTCAACTCCATCGCCAAGATCTTGGCCAGCAGACAG  
GCCGTGCTGACGGTGGATGCTCGTAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_031295 unedited  
 GTCACATTTGTATACGACTCACTATAGGCGGCCGCGATTTCGGCACGAGGGTGAGATGCGA  
 GCCGGCCAAACAGCTTGCAAGCATGCTCCGCTGGACCCGAGCCTGGAGGCTCCCGCGTGAG  
 GGACTCGGCCCCACGGCCCTAGCTTCGCGAGGGTGCCTGTCGCACCCAGCAGCAGCAGC  
 GGCGGCCGAGGGGGCGCCGAGCCGAGGCCGCTTCCGCTTCTACAGGCTTCTGGACGGG  
 GAGGCAGCCCTCCCGCCGTCGTCTTTTGCACGGGCTCTTCGGCAGAAAACTAACTTC  
 AACTCCATCGCCAAGATCTTGGCCAGCAGACAGGCCGTAGGGTGCTGACGGTGGATGCT  
 CGTAACCACGGTGACAGCCCCACAGCCAGACATGAGCTACGAGATCATGAGCCAGGAC  
 CTGCAGGACCTTCTGCCCCAGCTGGGCCTGGTGCCTGCGTCGTGTTGCCACAGCATG  
 GGAGGAAAGACAGCCATGCTGCTGGCACTACAGAGGCCAGAGCTGGTGGAACTCTCATT  
 GCTGTAGATATCAGCCAGTGGAAAGCACAGGTGTCTCCACTTTGCAACCTATGTGGCA  
 GCCATGAGGGCCATCAACATCGCAGATGAGCTGCCCGCTCCCGTGCCGAAAACTGGCG  
 GATGAACAGCTCAGTTCTGTCATCCAGGACATGGCCGTGCGGCAGCACCTGCTACTAAC  
 CTGGTAGAGGTAGACGGGCGCTTCTGTGGAGGGTGAAC TTGGATGCCCTGACCCAGCAC  
 CTAGACAAGATCTTGCTTTTCCACAAAGCAGGAGTCTACCCGGGGCCACACTTTTTCT  
 CCTTGTTGGAACCTCCAGTTTGGCCTTCCACCCCAACCTGGAATATGCGGCTCTTCCCG  
 GG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_031295 unedited  
 GCTATGGACCGCGCACGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTCCAGCTAAT  
 TTTTGTATTTTGTAGTAAAGAAAGGGTTTACCATGTTGGCCAGGCTGGTCTCCAACCTCTG  
 GCCTCAAGTCATCCTCCCGCCTTATCCTCCCAAAGTGCTGGAATTACAGGCATGAGCCAC  
 CACGCCCGCCATCTTCTTGCCAGCAACTTTATACCAGGAAGCCTCGGATGGCAGCTAT  
 GAAGCCCTGTGGGCGGTGAGCGTGGATCCAGTGGCCAGCGTTCGGCACCGTCTGCATCTG  
 GGCCCGAGGGAAGAGCCGATAATCTCAGGGGGTGGCTGGGATGCACGAACTGGGAGTT  
 TCCACCAAGGAGAAAGAGTGTGGCCGAGGTAGGACTCCTGCCTGTGTGGAAAGCCAA  
 GATCTTGCCTAGGCGCTGGGCCAGGGCATCCAAGTTACCCCTCCACACGAAGCCCGGTC  
 TACCTCTACCAGGTTAGGGAGCAGGTGCTGCCGACGCCCATGTCTGAATGACAGACCT  
 GACCTGTCCATCCGCAGTTTTCGGGCCCGAACCAGGGGACCTATCTGCGATGTGGAGGC  
 CCCCATGGCTGCCCAAGGCTCGAAAGTGGGAAAACCTGGGCCTTCCACTGGGCTGATAT  
 CAACACATGGAAACCTTCCACCAGCTCGGCCCTTGGAGGCCAACAAAGGCTGCTTTTC  
 CTCCAAGCGTGCGCCACGACAACCAAGGCCCGGGGGGCGACACCGGGGTACAAACTT  
 CCCCCTAGAACCTCAGCGCGGTGCTGGGGCCAACTTGACAAGGAGTAAATATCTCGC  
 CGCACAACCCACCAAAAACCGCTCGGGGCCACCTCCCCAACCGGTGGAN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_031295

**OTI Disclaimer:**

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).

**Components:**

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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_031295.3](#), [NP\\_112585.2](#)

**RefSeq Size:** 1667 bp

**RefSeq ORF:** 1632 bp

**Locus ID:** 83451

**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 (4) contains an alternate segment in the 3' UTR, and lacks a short segment in the coding region, which causes a frameshift, as compared to variant 1. It encodes a much shorter isoform (4), also known as form B, than isoform 1.