

## Product datasheet for **RG227192**

### ABHD11 (NM\_001145364) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ABHD11 (NM\_001145364) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** ABHD11  
**Synonyms:** PP1226; WBSCR21  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG227192 representing NM\_001145364  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGAGCCGGCCAACAGCTTGCAAGCATGCTCCGCTGGACCCGAGCCTGGAGGCTCCCGCTGAGGGAC  
TCGGCCCCACGGCCCTAGCTTCGCGAGGGTGCCTGTCGCACCCAGCAGCAGCAGCGGCGCGAGGGGG  
CGCCGAGCCGAGGCCGCTTCGGCTTTCTACAGGCTTCTGGACGGGGAGGCAGCCCTCCCGCCGTCGTC  
TTTTTGACGGGCTCTTCGGCAGCAAACTAATTCAACTCCATCGCCAAGATCTTGCCAGCAGACAG  
GCCGTAGGGTGTGACGGTGGATGCTCGTAACACGGTGACAGCCCCACAGCCAGACATGAGCTACGA  
GATCATGAGCCAGGACCTGCAGGACCTTCTGCCCCAGCTGGGCTGGTGCCTGCGTCGTTGGCCAC  
AGCATGGGAGGAAAGACAGCCATGCTGCTGGCACTACAGAGGGACATGGCCGTGCGGCAGCACCTGCTCA  
CTAACCTGGTAGAGGTAGACGGGCGCTTCGTGTGGAGGGTGAAGTGGATGCCCTGACCCAGCACCTAGA  
CAAGATCTTGGCTTTCCACAGAGGCAGGAGTCTACCTCGGGCCAACACTCTTTCTCCTTGGTGGAAAC  
TCCCAGTTCGTGCATCCCAGCCACCACCCTGAGATTATGCGGCTCTTCCCTCGGGCCAGATGCAGACGG  
TGCCGAACGCTGGCCACTGGATCCACGCTGACCGCCACAGGACTTCATAGCTGCCATCCGAGGCTTCT  
GGTC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >RG227192 representing NM\_001145364  
Red=Cloning site Green=Tags(s)

MRAGQQLASMLRWTRAWRLPREGLGPHGPSFARVPVAPSSSSGGRGGAEPRLPLSYRLLDGEAALPAVV  
 FLHGLFGSKTNFNSIAKILAQQTGRRVLTVDARNHGDSPHSPDMSYEIMSQDLQDLLPQLGLVPCVVVGH  
 SMGGKTAMLLALQRDMAVRQHLLTNLVEVDGRFVWRVNLDALTQHLDKILAFPRQEQESYLGPTLFLGGN  
 SQFVHPSSHPEIMRLFPRMQMTPVNPAGHWIHADRPQDFIAAIRGLV

TRTRPLE - GFP Tag - V

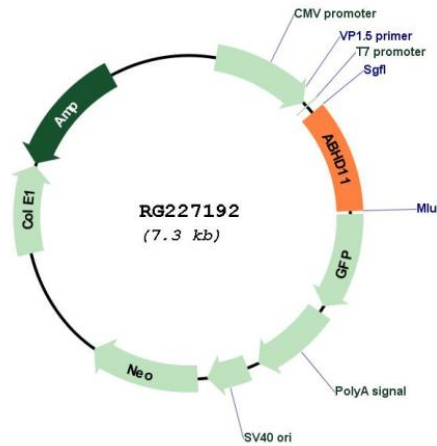
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_001145364

**ORF Size:** 774 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_001145364.2</a>
<b>RefSeq Size:</b>	1300 bp
<b>RefSeq ORF:</b>	750 bp
<b>Locus ID:</b>	83451
<b>UniProt ID:</b>	<a href="#">Q8NFV4</a>
<b>Cytogenetics:</b>	7q11.23
<b>Gene Summary:</b>	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]