

Product datasheet for **RG227822**

ABHD11 (NM_148913) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ABHD11 (NM_148913) 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: >RG227822 representing NM_148913
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGAGCCGGCCAACAGCTTGCAAGCATGCTCCGCTGGACCCGAGCCTGGAGGCTCCCGCTGAGGGAC
 TCGGCCCCACGGCCCTAGCTTCGCGAGGGTGCCTGTCGCACCCAGCAGCAGCAGCGGGCCGAGGGGG
 CGCCGAGCCGAGGCTTCTGGACGGGGAGGCAGCCCTCCCGCCGTCGTCTTTTGCACGGCTCTTCGGC
 AGCAAACTAACTTCACTCCATCGCCAAGATCTTGGCCAGCAGACAGGCCGTAGGGTGTGACGGTGG
 ATGCTCGTAACACGGTGACAGCCCCACAGCCAGACATGAGCTACGAGATCATGAGCCAGGACCTGCA
 GGACCTTCTGCCCCAGCTGGGCCTGGTGCCTGCGTCTGTTGCCACAGCATGGGAGGAAAGACAGCC
 ATGCTGTGGCACTACAGAGGCCAGAGCTGGTGGAACTCTCATTGCTGTAGATATCAGCCAGTGGAAA
 GCACAGGTGTCTCCCACTTTGCAACCTATGTGGCAGCCATGAGGGCCATCAACATCGCAGATGAGCTGCC
 CCGCTCCCGTGGCCGAAAAGTGGCGGATGAACAGCTCAGTTCTGTATCCAGGACATGGCCGTGCGGCGAG
 CACCTGCTCACTAACCTGGTAGAGGTAGACGGGCGCTTCGTGTGGAGGGTGAACCTGGATGCCCTGACCC
 AGCACCTAGACAAGATCTTGGCTTTCCACAGAGGCAGGAGTCTACCTCGGGCCAACTCTTTCTCCT
 TGGTGGAACTCCAGTTCGTGCATCCCAGCCACCACCTGAGATTATGCGGCTCTCCCTCGGGCCAG
 ATGCAGACGGTGCCGAACGCTGGCACTGGATCCACGCTGACCGCCACAGGACTTCATAGCTGCCATCC
 GAGGCTTCTGGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG227822 representing NM_148913
Red=Cloning site Green=Tags(s)

```
MRAGQQLASMLRWTRAWRLPREGLGPHGPSFARVPVAPSSSSGGRGAEPRLLDGEAALPAVVFLHGLFG
SKTNFNSIAKILAQQTGRRVLTVDARNHGDSPHSPDMSYEIMSQDLQDLLPQLGLVPCVVVGHSMGGKTA
MLLALQRPELVERLIAVDISPVESTGVSHFATYVAAMRAINIADELPRSRARKLADEQLSSVIQDMAVRQ
HLLTNLVEVDGRFVWRVNLDALTQHLDKILAFPPQRQESYLGP TL FLLGGNSQFVHP SHHPEIMRLF PRAQ
MQTVPNAGHWIHADRPQDFIAAIRGFLV
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_148913

ORF Size: 924 bp

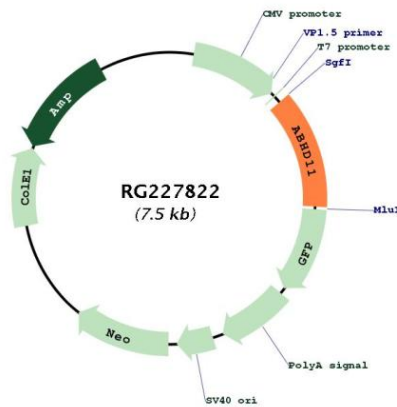
OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

- 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_148913.3](#), [NP_683711.1](#)
- RefSeq Size:** 1446 bp
- RefSeq ORF:** 900 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]

Product images:



Circular map for RG227822