

## Product datasheet for **RG204582**

### ABHD15 (NM\_198147) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ABHD15 (NM_198147) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ABHD15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG204582 representing NM\_198147  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCGCTGGGGCGCCCTCGCGCTCATCTTGGCCGTGCTCGCCCTCTCGGCCTGCTCGGCCCGC  
 GGCTCCGGGGACCTGGGGCGCCGTCGGAGAGAGGACCTGCCGGGGCCCAAGACCGAGACGACGG  
 GGAGGAGCGGACGGCGGAGGCCCGCGGACCAGTTACAGCAGCGGGCGGAGCCACTGCCGGGAGGGTGC  
 AGCCTTGTGGCAAGCCGTGGCCCTGGCCAGTGCCTGCTGCGCGCCCTGCGGCGCTCAGAGGCGCTGG  
 AGGCCGGCCCGCTCCTGGTTCTCCGGGCCCCACCTGCAGACCCTTGCCACTTCGTCCTGCCGTAGC  
 GCCTGGGCTGAGCTGGCCGGGAGTACCTGCAGTTGGCGGACGATGGGCTAGTGGCCCTGGACTGGGTG  
 GTAGGACCTTGTGTTGGGGCCCGGATCACCAGCGCCGGGGCCTTCTGCGGTGCTTCTGGTATCC  
 CCAATGCGTGGGGTGCCTACCCGCAACGTGCTCGGCCCTTGTGCTGCGCCCTGGAGCGCGGCTACTA  
 CCCGGTCACTTCCATCGCCGCGCCACCAGGTTGCCACTGGTCAGCCCCGGCTGCAGCCTTTCGGG  
 GACCCGTCGACCTCAAGGAGCGGTACACATACATCCGCTTCCGACACCCGGCGCGCCGCTGTTCCGCG  
 TGAGCGAAGGCTCGGGCTCGGCGCTGCTCCTGTCTACCTGGGCGAGTGGGCTCCTCCAGCTACGTGAC  
 AGGCGCCGCTGCATCTCGCCGTGCTGCGCTGCCGAGAGTGGTTCGAGGCCGGCCTGCCCTGGCCCTAC  
 GAGCGGGCTTTCTGCTCTACCAGAAGATCGCCCTCAGCAGGTATGCCACAGCCCTGGAGGACACTGTGG  
 ACACCAGCAGACTGTTACAGGACCGTTCCTTCGAGAGTTGAGGAGGCTCTCTTCTGCCACACAAAAG  
 CTTCCCATCAGCTGGGATGCCTACTGGGACCGCAACGACCCGCTCCGGGATGTCGATGAGGCAGCCGTG  
 CCTGTGCTGTATCTGCAGTGTGACGACCCCGTGTGTGGACCCCAAGACCACACTCTGACAACCTGAAC  
 TCTTCCACAGCAACCCCTACTTCTCCTGCTCAGTCGCCACGGAGGCCACTGTGGCTTCTCGGCCA  
 GGAGCCCTTGCCAGCCTGGAGCCATGAGGTCATCTTGGAGTCCTTCCGGGCTTGACTGAGTTCCTCCGA  
 ACGGAGGAGAGGATTAAGGGCTGAGCAGGCACAGAGTTCCTTCTTGGGGCCGTCGTCGTGGGGGAG  
 CCTTGCAGAGGCGGGAAGTCTCTTCTTCCAACCTGGAGGAGATCTTTAACTGGAAGCGATCATAACAC  
 AAGG

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG204582 representing NM\_198147  
 Red=Cloning site Green=Tags(s)

MPPWGAALALILAVLALLGLLGPRLRGPWGRAVGERTLPGAQDRDDGEEADGGGPADQFSDGREPLPGGC  
 SLVCKPSALAQCLLRALRRSEALEAGPRSWFSGPHLQTLCHFVLPVAPGPELAREYLQLADDGLVALDWV  
 VGPCVRRRITSAGGLPAVLLVIPNAWGRLTRNVLGLCLLALERGYYPVIFHRRGHGCPVSPRLQPFQ  
 DPSDLKEAVTYIRFRHPAAPLFAVSESGSALLLSYLGECGSSSYVTGAACISPVLRCREWFEAGLPWPY  
 ERGFLLYQKIALSRYATALEDVDTSRFLFRSRSLREFEALFCHTKSFPISWDAYWDRNDPLRDVDEAAV  
 PVLICISADDPVCGPPDHTLTTELFHSNPYFFLLLSRHGGHCGFLRQEPLPAWSHEVILESFRALTEFFR  
 TEERIKGLSRHRASFLGRRRRGGALQRREVSSSNLEEIFNWKRSYTR

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_198147

**ORF Size:** 1404 bp

**OTI Disclaimer:** 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\\_198147.1](#), [NP\\_937790.1](#)

**RefSeq Size:** 2753 bp

**RefSeq ORF:** 1407 bp

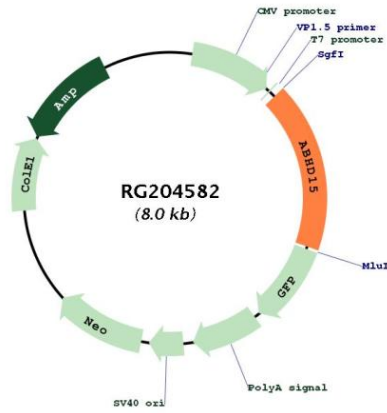
**Locus ID:** 116236

**UniProt ID:** [Q6UXT9](#)

**Cytogenetics:** 17q11.2

Protein Families: Transmembrane

Product images:



Circular map for RG204582