

Product datasheet for **RG233878**

ABHD12B (NM_001206673) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ABHD12B (NM_001206673) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ABHD12B
Synonyms: BEM46L3; C14orf29; c14_5314
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG233878 representing NM_001206673
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGCGCAGGACTGCCAGGCGGCCGCATCGCCGAGCCGCCCGGGCCCCAGCCCGTAGCTGCGTGG
 CCGCCTGGTGGGACATGGTCGACCGCAACCTGCGATATTTCCACACTCCTGTTCAATGCTCGGAAGAAA
 AATTGCTGCTCTGTATGACAGCTTTACTAGTAAATCCTAAAAGAACACGTTTTCTTCTCTGATAGAC
 ATGCTAATTTATTTAATTTTTCAAAGCCCCATTTCTGTGGATTTAAAGAAACCAGAGTTAAAGATTC
 CTCACACAGTGAACCTTACCTGAGAGTTGAACCTGGGGTATGCTAGGGATCTGGCACACAGTCCCAG
 CTGCCGGGGGAAGATGCCAAGGGGAAGGACTGTTGCTGGTATGAAGCAGCCCTTCGTGATGGGAACCCA
 ATTATTGTTTATCTTCATGGCAGTGCAGAACACAGGGCAGCTTCGCACAGACTGAAGCTGGTAAAGGTGC
 TGAGTGATGGTGGCTTTCATGTCTTGTCTGTTGACTACAGAGGATTTGGGGACTCTACAGGTAAGCCAC
 AGAGGAGGGACTGACTACGGATGCCATTTGTGTCTATGAGTGGACCAAGGCAAGAAGTGGCATCACTCCC
 GTGTGTCTCTGGGGCCACTCTCTGGGTACAGGAGTTGCAACAAATGCTGCAAAAGTCTAGAAGAAAAAG
 GATGCCAGTTGATGCTATTGTCTTGAAGCTCCATTTACCAACATGTGGGTTGCAAGTATCAATTATCC
 CTTGTTAAAGATTTACCGAACATTCCAGGATTTTTACGTACACTTATGGATGCCCTGAGAAAAGACAAA
 ATAATCTTCTAATGATGAAAATGTTAAATCCTTTCTCTCTCTTCTACATCTTACATGGAGAGGATG
 ACAGGACAGTGCCTTTGGAGTATGGGAAAAAGCTCTATGAAATTGCACGCAATGCATACAGGAACAAAGA
 GAGGGTCAAGATGGTTATCTTTCTCTGGCTTCAACACAACCTGCTTTGTAAGCCCCACACTGTTA
 ATAACCGTGAAGATTTCTGAGCAAGCAGTGGTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG233878 representing NM_001206673
 Red=Cloning site Green=Tags(s)

```
MDAQDCQAAASPEPPGPPARSCVAAWWDMVDRNLRYPHSCSMLGRKIAALYDSFTSKSLKEHVFLPLID
MLIYFNFFKAPFLVDLKKPELKIPHTVNFYLRVEPGVMLGIWHTVPSCRGEDAKGKDCCWYEAALRDGNP
IIIVYLHGSAEHRAASHRLKLVKVLSDGGFHVLSVDYRFGFDSTGKPTEEGLTTDAICVYEWTKARSGITP
VCLWGHSLGTGVATNAAKVLEEKGCPVDAIVLEAPFTNMWVASINYPLLKIYRNIPGFLRTLMDALRKDK
IIFPNDENVKFLSSPLLILHGEDDRTVPLEYGGKLYEIARNAYRNKERVKMVIFFPPGFQHNLLCKSPTLL
ITVRDFLSKQWS
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001206673

ORF Size: 1086 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_001206673.2](#)

RefSeq Size: 1708 bp

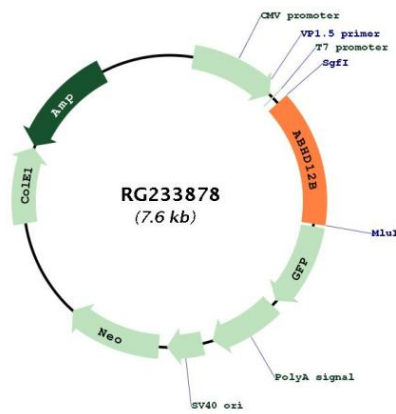
RefSeq ORF: 1089 bp

Locus ID: 145447

UniProt ID: [Q7Z5M8](#)

Cytogenetics: 14q22.1

Product images:



Circular map for RG233878