

Product datasheet for **RG202633**

ABHD3 (NM_138340) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABHD3 (NM_138340) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ABHD3
Synonyms:	LABH3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202633 representing NM_138340 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGTGCCTGGCCATGGACCTGCGGATGTTGTCCCGGAGCTCTCCCTCTACCTGGAACACCAAGTCC
GGGTGGGTTCTTCGGCTCGGGGTGGGCTTATCCCTTATCTGGGTTTCAGCGTCGTTATGCCTTCTA
CTACCTGAGCAGCATTGCCAAGAAACCCAGTTAGTGACCGGGGTGAGAGTTTCAGCCGTTCTTCAA
GACCACTGTCCCGTGGTTACAGAAACGTAACCCGACGGTCTGGTCTGGGAGGGTTCGAGGACAGACCC
TGCTTAGACCTTTCATCACTTCAAGCCCCGGTGCAGTACAGGAATGAAGTATTTAAACTGCAGATGG
AGGACAGATTTCACTGGACTGGTTTGATAATGATAACAGTACGTGTTATATGGATGCCAGCACCAGACCT
ACTATCTTATTGTTGCCTGGCCTCACGGGAACAAGCAAGGAGTCATATATCCTTCATATGATCCATCTTA
GTGAAGAATTAGGATACAGATGTGTGGTTTTAAACAACAGAGGAGTGGCGGGGAGAATCTCTTGACGCC
AAGGACTATTGTTGTGCTAACACTGAAGACTGGAGACAGTTATTCACCATGTACACAGCCTGTACCTT
TCTGCTCCTTTCCTGGCAGCAGGGGTTCAATGGGAGGAATGCTGCTTCTAAATTAAGTGGGCAAAATG
GGTCCAAAACGCCTTTGATGGCAGCTGCAACTTTTTCCGTTGGTTGGAACACCTTCGCTTGTCTCAGATC
ATTGAAAAACCACTGAAGTGGTACTTTTTAATTAATTAATTTGACAACCTGCCTTCAGTCTTCAGTTAAT
AAGCACCAGACATATGTTTGTAAAACAAGTTGATATGGATCATGTCATGAAGGCTAAATCCATCAGAGAT
TTGATAAGCGATTCACTTCAGTCATGTTTGGATACCAAACAATTGATGATTATTATACTGATGCCAGTCC
GAGTCCTAGACTGAAGTCAAGTAGGAATTCAGTATTGTGTCTAAATTTCTGTGGATGATGTTTTCTACCC
AGTCATGCTATTCCAATAGAAACTGCTAAGCAAAATCCTAATGTTGCTTTGGTCTTACTTCTTATGGAG
GCCATATTGGTTTTCTGGAGGGAATCTGGCCAAGACAGTCCACTTACATGGATCGTGTCTTCAAGCAATT
TGTGAAGCCATGGTTGAGCATGGACATGAAGTCTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG202633 representing NM_138340
 Red=Cloning site Green=Tags(s)

MQCLAMDLRMLSRELSLYLEHQVRVGGFFGSGVGLSLILGFSVAYAFYYLSSIAKKPQLVTGGESFSRFLQ
 DHCPVVTETYYPTVWCWEGRGQTLRPFITSKPPVQYRNELIKTADGGQISLDWFDNDNSTCYMDASTRP
 TILLPLGLTGTSKESYILHMIHLSEELGYRCVFNRRGVAGENLLTPRTYCCANTEDLETVIHHVHSLYP
 SAPFLAAGVSMGMLLLNLYLKGIGSKTPLMAAATF SVGWNTFACSESLEKPLNWLLFNYYLTTCLQSSVN
 KHRHMFVKQVMDHVMKAKSIREFDKRFTSVMFGYQTIIDDYYTDA SPSPRLKSVGIPVLCNLSVDDVFS
 SHAIPIETAKQNPVALVLTSYGGHIGFLEGIWPRQSTYMDRVFKQFVQAMVEHGHELS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_138340

ORF Size: 1227 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_138340.1](#)

RefSeq Size: 2040 bp

RefSeq ORF: 1230 bp

Locus ID: 171586

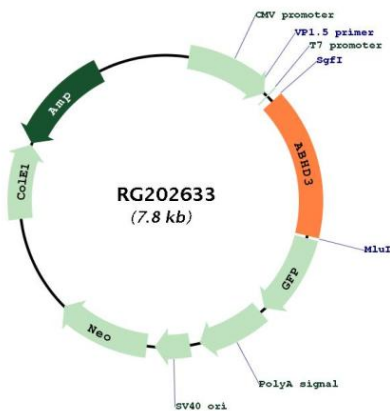
UniProt ID: [Q8WU67](#)

Cytogenetics: 18q11.2

Protein Families: Transmembrane

Gene Summary: This gene encodes a protein containing an alpha/beta hydrolase fold, which is a catalytic domain found in a very wide range of enzymes. The function of this protein has not been determined. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG202633