

Product datasheet for **RG203206**

ABHD8 (NM_024527) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABHD8 (NM_024527) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ABHD8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203206 representing NM_024527 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGACCGGGGTGACCGACGGTATTTTCTGTTGCTGCTGGGCACGCCCCCAACGCTGTGGGGCCAC
TGGAGAGCGTCGAGTCCAGCGATGGCTACACCTTTGTAGAGGTCAAGCCCGGCCGCTGCTGCGGGTAA
GCATGCAGGACCCGCCCCAGCCGCTGCCACCTCCACCATCATCCGCATCCTCGGATGCAGCCAGGGG
GACCTCTCCGGCTTGGTCCGCTGTCAGCGCCGGATCACCGTGTACCGCAATGGCGGTTGCTGGTGGAAA
ACCTGGGCGAGCCCTCGAGCCGACCCCTACCGGGCAGAATGGCTCTGGGGAGCCGCCGCGCCCT
GGAGGTGGAGCTGGCAGATCCGGCGGGCAGCGATGGCCGCTTGGCCCGGCAGCGCAGGCAGCGGCAGC
GGCAGTGGCAGTGGTGGCGGGCGGGCAGCCAGGCGCCCAAGAGGACCATCCATATTGACTGTGAGA
AGCGCATCACTAGCTGCAAAGGCGCCAGGCCGACGTGGTGTCTTTTTTCATCCATGGTGTGCGCGGTTT
CCTGGCCATCTGGAAGGAGCAGCTGGACTTCTTTGTGCGCCTAGGCTATGAGGTGGTGGCTCCTGACCTG
GCCGGCCACGGGGCCAGCTCTGCGCCCCAGGTGGCCGACGCTACACCTTCTATGCGCTGGCTGAGGACA
TGCGAGCAATCTCAAGCGCTATGCCAAGAAGCGAAATGTGCTCATTGGCCATTCCTACGGTGTCTCTTT
CTGCACATTCCTGGCACATGAGTACCCAGACCTAGTGACAAGGTGATCATGATCAATGGCGGGGCCCT
ACGGCGCTGGAGCCAGCTTCTGCTCAATCTTCAACATGCCACCTGCGTCTGCACTGCTGTGCGCCCT
GCCTGGCCTGGAGCTTCTCAAGGCCGGCTTCGCCCGCCAAGGAGCCAAGGAGAAGCAGCTGTTAAAGGA
GGCAACGCTTTCAACGTGTCATCTTCTGACTCCGGGCCATGATGAGCGGCCAGTACTGGCCCGAGGGC
GACGAGGTCTACCACGCCGAGCTCACCGTGCCTGCTTGTCCACGGCATGCACGATAAGTTTGTGC
CGGTGGAGGAAGACCAGCGCATGGCCGAGATCCTGCTCCTGGCATTCTGAAGCTCATCGACGAGGGCAG
CCACATGGTGATGCTGGAATGCCTGAGACGGTCAACACGCTGCTCCACGAATTCCTGCTCTGGGAGCCC
GAGCCCTGCCCAAGGCTCTACCGGAGCCACTGCCGGCGCCTCCAGAAGACAAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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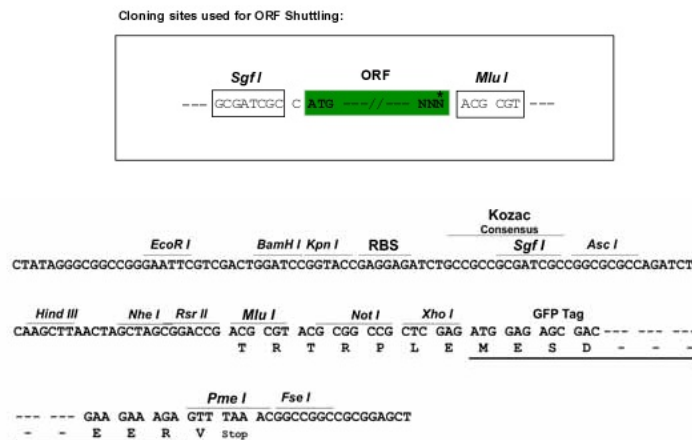
Protein Sequence: >RG203206 representing NM_024527
Red=Cloning site Green=Tags(s)

MLTGVTDGIFCCLLGTPPNAVGPLESVESSDGYTFVEVKPGRVLRVKHAGPAPAAAPPPSSASSDAAQG
 DL SGLVRCQRRITVYRNGRLLVENLGRAPRADPLHGQNGSGEPPAALVELADPAGSDGRLAPGSAGSGS
 GSGSGRRRRRARRPKRTIHIDCEKRITSCKGAQADVVLFFIHGVGGLAIWKEQLDFFVRLGYEVVAPDL
 AGHGASSAPQVAAAYTFYALAEDMRAIFKRYAKKRNVLIGHSYGVSFCTFLAHEYDPLVHKVIMINGGGP
 TALEPFCISIFNMPTCVLHCLSPCLAWSFLKAGFARQGAKEQLLKEGNFNVSSFVLRAMMSGQYWPEG
 DEVYHAELTVPVLLVHGMHDKFVPVEEDQRMAEILLLAFLLKLIDEGSHMVMLECPETVNTLLHEFLLWEP
 EPSPKALPEPLAPPEDKK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024527

ORF Size: 1317 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_024527.3](#), [NP_078803.3](#)

RefSeq Size: 2041 bp

RefSeq ORF: 1320 bp

Locus ID: 79575

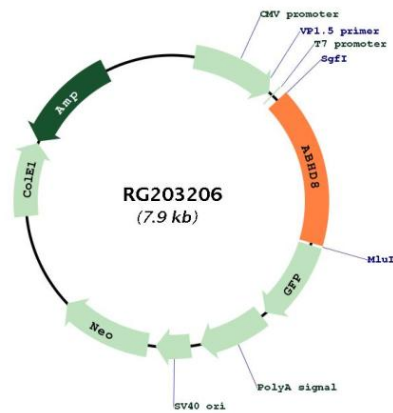
UniProt ID: [Q96I13](#)

Cytogenetics: 19p13.11

Domains: abhydrolase

Gene Summary: This gene is upstream of, and in a head-to-head orientation with the gene for the mitochondrial ribosomal protein L34. The predicted protein contains alpha/beta hydrolase fold and secretory lipase domains. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG203206