

Product datasheet for **SC214636**

ABHD4 (NM_022060) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ABHD4 (NM_022060) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ABHD4
Synonyms:	ABH4
ACCN:	NM_022060
Insert Size:	2000 bp



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Insert Sequence: >SC214636 3'UTR clone of NM_022060
 The sequence shown below is from the reference sequence of NM_022060. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGAGGAGATCTGCGACTCAGTTGATGAGCTGCTCTCTGAAGGGAAGAGGAGAAAGCCAGAGAGTC
ACTCTTACCTCCCTGTCTGCTTACTCACCCACTCTGTCCTTTCTCACCAACTAACATGTGCCAGCCAG
GCAGAGTCTTGTGCTGTTCCAGAACAGGACGACAGTGAAGAACAACACTTTGACCCTACACTGAAGGC
TGAAGGCAGAAGCCACAAGAGGCCTTGAGTGCCACCCAGGGAAGAACAATAAGGGTTGCACAATGCC
ACCCATCCACTCCTTGCCAAGTGTACCCAGATGGTGGAGGATGTGAAGGGATTGCACCAAGCCACATT
CACTCTCTGTGGCCTTTCTTCTCTGGGCAAGAAGGGCTTCCAGTGGCCTTTCTCACTCTGTAGT
GTTTGTGGGGATAGTTCCATGCAAGAACACCTTCTCTCCATCCCCACTTACCCCATCCCATACC
AGTTCCATCCAGGTCTGCTTAACTGCCAAGAGCAGGTCTGGAGTTCCCTTACCTGCAGAGTCCCTT
TCATGACCTAGGAGTCTTATTCAAAGCCCTATTGACAGAGGAGAAACAGGCCAAGGCAGGACATGG
CTGGACCATGGTGATACAGCTCTGTGTGATTCAAGTTCTGGCAGAGCTTGAAGGCTAGAGCCCAGGTC
TGCCGACACCCTGTGCTTGTGACACTTGATTTGCTAAGGCTGGAGACAGGCACCATGGCATGGGGC
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CTCCATGCCCATCAGTCTCTGCAGTTTCTACCTGCCCCAGAGCTGAGGCCATCTGCAAGCCCCTGC
CCATGGCCCAATGGGGAGCCTCCAGCCACAAGTTCCTGTCTTATCAGCCACTGGGTGGTCCCACTG
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ACCCAGCCAGAGTCCAGGTGAGCAGGCCCCCTCAGCCAACCACTCATGACAAATGAGGAGTCGAGA
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TTAGACACCCTTTCTTCTAAGTTCAAGGGAAGCCACACATGTACTGCTCCCTGCATCCTGCTCTAAC
TTCTCTCATCCTCTGGATCTCAGCTCAAATATTCCTTATGCAGAGATGCCTTCCCCTGATTCCCTAAA
CTAGACTCGGACCCCTCTGTTCTGCATCTCTGTGGCATATCATCTGCCCTTTTGTAAAACCTATAAAC
TTGTGGTTACTTGTAGCGTCTTTCTCCCCAGACCATAAGCAACATAAAGACAAAGGGTACATC
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_022060.3](#)

Summary: Lysophospholipase selective for N-acyl phosphatidylethanolamine (NAPE). Contributes to the biosynthesis of N-acyl ethanolamines, including the endocannabinoid anandamide by hydrolyzing the sn-1 and sn-2 acyl chains from N-acyl phosphatidylethanolamine (NAPE) generating glycerophospho-N-acyl ethanolamine (GP-NAE), an intermediate for N-acyl ethanolamine biosynthesis. Hydrolyzes substrates bearing saturated, monounsaturated, polyunsaturated N-acyl chains. Shows no significant activity towards other lysophospholipids, including lysophosphatidylcholine, lysophosphatidylethanolamine and lysophosphatidylserine.[UniProtKB/Swiss-Prot Function]

Locus ID: 63874

MW: 72.1