

Product datasheet for **SC108376**

ABHD7 (EPHX4) (NM_173567) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABHD7 (EPHX4) (NM_173567) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABHD7
Synonyms:	ABHD7; EH4; EPHXRP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108376 sequence for NM_173567 edited (data generated by NextGen Sequencing)

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ATGGCGAGGCTGCGGGATTGCCTGCCCCGCTGATGCTCAGCTCCGGTCCCTGCTCTTC
TGGTCCCTGGTCTACTGCTACTGCGGGCTCTGCGCCTCCATCCACCTGCTCAAACCTTTG
TGGAGCCTCGGCAAGGGGCCGGCGCAGACCTTCCGGCGGGCCCGCCGGAGCACCCCTCCC
GCGTGCCTGAGCGACCCCTCCTTGGGCACCCACTGCTACGTGCGGATCAAGGATTCAGGG
TTAAGATTTCACTATGTTGCTGCTGGAGAAAGAGGCAAACCACTTATGCTGCTGCTTCAT
GGATTTCCAGAATTCTGGTATTCTTGGCGTTACCAACTGAGAGAATTTAAAGTGAATAT
CGAGTTGTAGCACTGGATTTGAGAGGTTATGGAGAAACAGATGCTCCCATTCATCGACAG
AATTATAAATTGGATTGTCTAATTACAGATATAAAGGATATTTTAGATTCTTTAGGGTAT
AGCAAATGTGTTCTTATTGGCCATGACTGGGGGGGCATGATTGCTTGGCTAATTGCCATC
TGTATCCTGAAATGGTATGAAGCTTATTGTTATTAACCTCCCTCATCCAAATGTATTT
ACAGAATATATTTTACGACACCCCTGCTCAGCTGTTGAAATCCAGTTATTATTACTTCTTC
CAAATACCATGGTTCCCAGAATTTATGTTCTCAATAAATGATTTCAAGGTTTTGAAACAT
CTGTTTACCAGTCACAGCACTGGCATTGGAAGAAAAGGATGCCAATTAACAACAGAGGAT
CTTGAAGCTTATATTTATGTCTTTTCTCAGCCTGGAGCATTAAAGTGGCCCAATTAACCAT
TACCGAAATATCTTCAGCTGCCTGCCTCTCAAACATCACATGGTGACCACTCCAACACTA
CTACTGTGGGGAGAGAATGACGCATTCATGGAGGTTGAGATGGCTGAAGTCACAAAGATT
TATGTTAAAAACTATTTTCAAGGCTAACTATTTTGTGAGAAGCCAGTCATTGGCTTCAGCAA
GACCAACCTGACATAGTGAACAAATTGATATGGACATTTCTAAAGAAGAAACAAGAAAA
AAAGATTGA

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Clone variation with respect to NM_173567.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173567 unedited <pre> TCAGATTAGTATACGACTTATATAGGCGCCGCGAATTCGGCACGAGGCGCCTCCCAATG GCGAGGCTGCGGGATTGCCTGCCCCGCCTGATGCTCACGCTCCGGTCCCTGCTCTTCTGG TCCCTGGTCTACTGCTACTGCGGGCTCTGCGCCTCCATCCACCTGCTCAAACCTTTGTGG AGCCTCGGCAAGGGGCCGGCGCAGACCTTCCGGCGGCCCGCCGGGAGCACCTCCCGCG TGCCTGAGCGACCCCTCCTTGGGCACCCACTGCTACGTGCGGATCAAGGATTCAGGGTTA AGATTTCACTATGTTGCTGCTGGAGAAAGAGGCAAACCACTTATGCTGCTGCTTCATGGA TTTCCAGAATTCTGGTATTCTTGGCGTTACCAACTGAGAGAATTTAAAAGTGAATATCGA GTTGTAGCACTGGATTTGAGAGGTTATGGAGAAACAGATGCTCCCATTCATCGACAGAAT TATAAATTGGATTGTCTAATTACAGATATAAAGGATATTTAGATTCTTTAGGGTATAGC AAATGTGTTCTTATTGGCCATGACTGGGGGGGCATGATTGCTTGCTAATTGCCATCTGT TATCCTGAAATGGTGATGAAGCTTATTGTTATTAACCTCCCTCATNCAATGTATTTACA GAATATATTNTACGACACCCTGCTCAGCTGTTGAAATCCAGTTATTATTACTTCTCCCAA TACCATGGTTCAGATTATGTTCTCATAAATGATTTCAAGTTTGAACATCTGTTTCC AGTCCAGCACTGGCATTGGAAGAAAAGATGCCATTTACACAGAGGATCTTGAGCTNTATT TATGTCTTTCTCACCTGGAGCATAAGTGCCCCATTACCATTACCGAAATNTNAGCGCCTG CCTCTCAAATCACATGTGACACTTCACACTCTCTGNGGGAGAGAGAG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_173567
Insert Size:	1400 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_173567.2](#), [NP_775838.2](#)
RefSeq Size: 1459 bp
RefSeq ORF: 1089 bp
Locus ID: 253152

UniProt ID: [Q8IUS5](#)
Cytogenetics: 1p22.1
Protein Families: Protease, Transmembrane