

Product datasheet for **SC324923**

FAM108A1 (ABHD17A) (NM_001130111) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM108A1 (ABHD17A) (NM_001130111) Human Untagged Clone
Tag: Tag Free
Symbol: FAM108A1
Synonyms: C19orf27; FAM108A1
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001130111, the custom clone sequence may differ by one or more nucleotides
ATGAATGGGCTGTCGCTGAGTGAGCTCTGCTGCCTCTTCTGCTGCCCGCCCTGCCCGGC
CGCATCGCTGCCAAGCTCGCTTCTGCCGCGGAGGCCACTACTCCCTGGTGCCTGAG
CCCGAGCCGGGGCTGGTGGGGCCGGGGCCGCCCTTGGGGACCCTGAGAGCCTCCTCG
GGCGCACCCGGGCGCTGGAAGCTGCACCTGACGGAGCGTGCCGACTTCCAGTACAGCCAG
CGCGAGCTGGACACCATCGAGGTCTTCCCACCAAGAGCGCCCGGGCAACCGCTCTCC
TGCATGTATGTTGCTGCGTGCCTGGTGCAGGTACACGGTCTCTTCTCGCACGGCAAT
GCCGTGGACCTGGGCCAGATGAGCAGCTTCTACATTGGCCTGGGCTCCCGCTCCACTGC
AACATCTTCTCCTACGACTACTCCGGCTACGGTGCAGCTCGGGCAGGCCTTCCGAGAGG
AACCTCTATGCCGACATCGACGCCGCTGGCAGGCCCTGCGCACCAAGGTACGGCATCAGC
CCGGACAGCATCATCCTGTACGGGCAGAGCATCGGCACGGTGCCACCGTGGACCTGGCC
TCGCGCTACGAGTGTGCCGCGGTGGTGTGCACTCGCCGCTCACCTCGGGCATGCGCGTC
GCCTTCCCGACACCAAGAAGACCTACTGCTTCGACGCCCTCCCTAACATCGAGAAGGTG
TCCAAGATCACGTCTCCCGTGTCTATCATCCACGGCACGGAGGACGAGGTGATCGACTTC
TCGCACGGGCTGGCGCTCTACGAGCGCTGCCCAAGCGGTGGAGCCGCTGTGGGTGGAG
GGCGCCGGGCACAACGACATCGAGCTCTACAGCCAGTACCTGGAGCGCTGCGTCGCTTC
ATCTCCCAGGAGCTGCCAGCCAGCGCGCC

Restriction Sites: Please inquire
ACCN: NM_001130111
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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:	<ol style="list-style-type: none">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:	<u>NM_001130111.1, NP_001123583.1</u>
RefSeq Size:	1578 bp
RefSeq ORF:	933 bp
Locus ID:	81926
UniProt ID:	<u>Q96GS6</u>
Cytogenetics:	19p13.3
Protein Families:	Protease
Gene Summary:	<p>Hydrolyzes fatty acids from S-acylated cysteine residues in proteins (PubMed:26701913). Has depalmitoylating activity towards NRAS (PubMed:26701913). Has depalmitoylating activity towards DLG4/PSD95 (PubMed:26701913). May have depalmitoylating activity towards MAP6 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) is lacking an in-frame coding exon compared to transcript variant 1, resulting in a shorter isoform (2) missing an internal protein segment compared to isoform 1.</p>