

Product datasheet for **SC108680**

FAM108A1 (ABHD17A) (NM_031213) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM108A1 (ABHD17A) (NM_031213) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM108A1
Synonyms:	C19orf27; FAM108A1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031213, the custom clone sequence may differ by one or more nucleotides

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ATGAATGGGCTGTCGCTGAGTGAGCTCTGCTGCCTCTTCTGCTGCCCGCCTGCCCGGCCGCATCGCTG
CCAAGCTCGCCTTCTGCCGCGGAGGCCACCTACTCCCTGGTGCCTGAGCCGAGCCGGGGCTGGTGG
GGCCGGGGCCGCCCTTGGGGACCCTGAGAGCCTCCTCGGGCGCACCCGGGCGCTGGAAGCTGCACCTG
ACGGAGCGTGCCGACTTCCAGTACAGCCAGCGCGAGCTGGACACCATCGAGGTCTCCCCACCAAGAGCG
CCCGCGGCAACCGCGTCTCCTGCATGTATGTTGCTGCGTGCCTGGTCCAGACAAGGACACCAGGCTCA
GGGAGGCCATCCCAGCTGGCATGGGTGGCAGGCTGGGCGACTCCAACAACCCAGCGCCTGGTGGTTGC
CTGCTGGGCAAGAGCTGGGGCACAGGGGCTGCCCTGGCCTGCGGGTACATCCACCTTCTCGCCAGGTACA
CGGTCTCTTCTCGCACGCAATGCCGTGGACCTGGGCCAGATGAGCAGCTTCTACATTGGCCTGGGCTC
CCGCTCCACTGCAACATCTTCTCTACGACTACTCCGGCTACGGTGCCAGCTCGGGCAGGCCTTCCGAG
AGGAACCTCTATGCCGACATCGACGCCGCTGGCAGGCCCTGCGCACCAGGTACGGCATCAGCCCGGACA
GCATCATCCTGTACGGGCAGAGCATCGGCACGGTGCCACCGTGGACCTGGCCTCGCGCTACGAGTGTGC
CGCGGTGGTGTGCACTCGCCGCTCACCTCGGGCATGCGCGTGCCTTCCCCGACACCAAGAAGACCTAC
TGCTTCGACGCCCTCCCTAACATCGAGAAGGTGTCCAAGATCACGTCTCCCGTGCATCATCCACGGCA
CGGAGGACGAGGTGATCGACTTCTGCACGGGCTGGCGCTCTACGAGCGTGCCTCAAGGCGGTGGAGCC
GCTGTGGTGGAGGGCGCCGGGCACAACGACATCGAGCTCTACAGCCAGTACCTGGAGCGCCTGCGTCG
TTCATCTCCAGGAGCTGCCAGCCAGCGCGCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_031213 unedited NGTTGCGATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACCAGGGGAGCTGCG GCGGTGGCGGTGCAGGAGCCGGGCAGGGGTGCGGAGGGACCGACGGACGCACGGGCGGG CGGCCGGGAGCCATGGAGCGCGGCCCTGGGGCCCGGGGGCGCGGGCCGGGGTGGGCTTCC CACGGCACGACATGGAGACCTGTGGTTGCGAGGCTCCCTGGGGCTCGGCTTGGACCGCA TGGGGCTGGGCCCTGGCCTCCTAACGGGGCTGCTGTCTGGGGCGGTAGCTGGGGGGCGC TCTCCCCCTGCCCGGACTCGGAGCACCCCAACCCTCCCTGCCGGGCCAGGCCGGGC GCGTTTGTGGCGGGGGCCCGGTGGAGGCCCGCCTGGGCGGGCCCGCCATGAATGGG CTGTCGCTGAGTGAGCTCTGCTGCCTCTTCTGCTGCCCGCCCTGCCCGGCCGCATCGCT GCCAAGCTCGCCTTCTGCCCGGAGGCCACCTACTCCCTGGTGCCTGAGCCCGAGCCG GGGCCTGGTGGGGCCGGGCGCCCTTGGGGACCTGAGAGCCTCCTCGGGCGCACCC GGGCGCTGGAAGCTGCACCTGACGGAGCGTGCCGACTTCCAGTACAGCCAGCGCGAGCTG GACACCATCGAGGTCTTCCCAACAAGAGCGCCCGGCAACCGCTCCTGCATGTAT GTTCGCTGCGTGCCTGGTGCCAGGTACACGGTCTTCTTCTCGACGGCAATGCCGTGGAC CTGNGCCAGATGAGCAGTTCTACATTGGCCTGGGCTCCCGCCTNCACTGCAAACATCTC TNCCTACGACTACTNCGNCTACNGTGCCAGCTCGGGCAGGCCTTCCGAGAGAACCTTTGC CGAATCGACGCGCCTGGCAGCCCTGCGCACAGTACGGATCANCCGGAGN
Restriction Sites:	ECoRI-NOT
ACCN:	NM_031213
Insert Size:	1600 bp
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).
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:	NM_031213.2 , NP_112490.2
RefSeq Size:	1645 bp
RefSeq ORF:	1086 bp
Locus ID:	81926
UniProt ID:	Q96GS6
Cytogenetics:	19p13.3
Protein Families:	Protease

Gene Summary:

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]

Transcript Variant: This variant (1) encodes the longer isoform (1).