

Product datasheet for RR211247

Abhd17a (NM_001006983) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abhd17a (NM_001006983) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Abhd17a
Synonyms: Fam108a; Fam108a1; RGD1359682; upf0227
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR211247 representing NM_001006983
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACGGCTGTGGTGTGAGCGAGCTCTGCTGCCTGTTCTGCTGCCACCCTGCCGGGCGCATCGCGG
 CCAAGCTCGCTTCCTGCCTCCCGAGCCACCTACTCTGTTACCTGAACCCGAGCCGGGGCCCGCGG
 GGCCGGCGCTGCCCTCGGGTCCCTGCGGACCTCAGCGGCCACCCCGGGCGCTGGAAGATCCACCTG
 ACGGAGCGCGTACTTCCAGTATGGCCAGCGGAGCTGGACACCATTGAGGTCTTCGTGACCAAGAGCG
 CGCGGCCAACCGCATTGCCTGCATGTATGTGCGCTGTGTACCGGTGCCAGGTACACAGTTCTCTTCTC
 GCATGGCAATGCGGTGGACCTGGCCAGATGTGCAGCTTTTATGTTGGCCTGGGCACACGCATCGGCTGC
 AACATCTTCTTACGACTACTCTGGCTATGGCATCAGCTCTGGCCGGCCCTCTGAGAAGAACCTCTATG
 CTGACATTGACGCTGCCTGGCAGGCCCTGCGCACCAGGTATGGCATCAGCCAGACAGTATCATCTGTGA
 TGGCCAGAGCATTGGCACCGTGGCCACAGTGGATCTGGCGTCACGTTATGAGTGTGCTGCAGTGGTCTG
 CACTCGCTCTCACCTCCGGCATGGGGTGGCCTTCCCTGACACCAAGAAGACCTACTGCTTCGATGCTT
 TCCCTAACATCGAGAAGGTGTGAAGATCACGTACCGGTGCTCATCATCCAGGCACAGAAGACGAGGT
 GATCGACTTCTCACACGGGCTGGCACTGTATGAGCGCTGTCCAAGGCCGTGGAGCCGCTGTGGTGGAG
 GGTGCTGGGCACAACGACATTGAGCTGTATAGTCAATACCTGGAGCGCCTACGCCGTTTCATCTCCAGG
 AGCTGCCAGCCAACGCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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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_001006983.1](#), [NP_001006984.1](#)

RefSeq Size: 1517 bp

RefSeq ORF: 933 bp

Locus ID: 299617

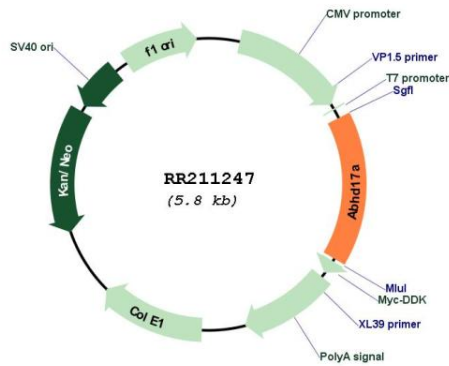
UniProt ID: [Q5XIJ5](#)

Cytogenetics: 7q11

MW: 34 kDa

Gene Summary: Hydrolyzes fatty acids from S-acylated cysteine residues in proteins (PubMed:27307232). Has depalmitoylating activity towards NRAS (By similarity). Has depalmitoylating activity towards DLG4/PSD95 (PubMed:27307232). May have depalmitoylating activity towards MAP6 (PubMed:28521134).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR211247