

Product datasheet for MR204447

Abhd17c (NM_133722) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Abhd17c (NM_133722) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Abhd17c |
| Synonyms: | 2210412D01Rik; AL023007; Fam108c; Fam108c1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >MR204447 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGGCTTCTCGCTCGGCGAGCTGTGCTGGCTCTTCTGCTGCCCTCCTTGCCGAGCCGCATCGCCG
CCAAGCTGGCCTTCTGCCGCCGAACCCACCTACACGGTGTGGCGCCCGAGCAGCGCGCCCGCTCC
CGCGGCGACCCCGCGCCCGCCCGGGCGCAGCCCGCTCCGGCCGAGGAGGTGCGGGCCCGGGCGG
TGCAGCCTGCACCTGAGCGAGCGCGCCGACTGGCAGTACTCGCAGCGGAAGTGGACGCCGTCGAGGTCT
TCTTCTCGCGCACGGCCCGGACAACCGGCTGGGCTGCATGTTCTGTGCGCTGCGGCCCTCCAGCCGCTA
CAGCTGCTCTTCTCGCAGCGCAACGCCGTGGACTTGGGCCAGATGTGTAGCTTCTACATCGGCCTGGG
TCGCGCATCAACTGCAACATCTTCTTACGACTACTCGGGCTATGGTGTGAGCTCCGGCAAGCCCTCCG
AAAAGAATCTCTACGCTGACATCGACGCCCGTGGCAGGCACTGCGCACCCGGTATGGCGTGAGTCTGA
GAACATCATCCTCTATGGACAGAGCATTGGCACTGTCCCACTGTGGACCTGGCCTCGCGGTACGAGTGT
GCAGCCGTCATCCTCCATTCCCCACTGATGTCTGGTTTGGTGTGTTTTCCGGATACCAGGAAAAAT
ACTGCTTTGATGCTTTCCCGCATTGACAAGATCTAAAGTCACTCTCCTGTGTTGGTCATTACCG
TACCGAGGATGAGGTCATCGATTTCTCCCATGGCTTGGCGATGTATGAGCGCTGTCCCGTGTGTGGAG
CCCCTGTGGGTTGAGGGGCTGGCACAATGATATAGAGCTCTATGCACAGTACCTAGAAGCACTAAAAC
AGTTCATATCTCAGAGCTTCCCACTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204447 protein sequence
Red=Cloning site Green=Tags(s)

MNGFSLGELCWLFCPPCPSRIAAKLAFLLPPEPTYTVLAPEQRAPAPAATPAPAPAAQPAPAEEGAGPGA
 CSLHLSERADWQYSQRELDAVEVFFSRTARDNRLGCMFVRCAPSSRYTLFLSHGNAVDLGMCSFYIGLG
 SRINCNIFSYDYSYGVSSGKPKSEKNLYADIDAAWQALRTRYGVSPENIILYQSIGTVPTVDLASRYEC
 AAVILHSPLMSGLRVAFPDTRKTYCFDAFPSIDKISKVTSPLVIHGTEDEVIDFSLGLAMYERCPRAVE
 PLWVEGAGHNDIELYAQYLERLQKQFISHELPNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_133722

ORF Size: 942 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

RefSeq: [NM_133722.2](#)

RefSeq Size: 2252 bp

RefSeq ORF: 963 bp

Locus ID: 70178

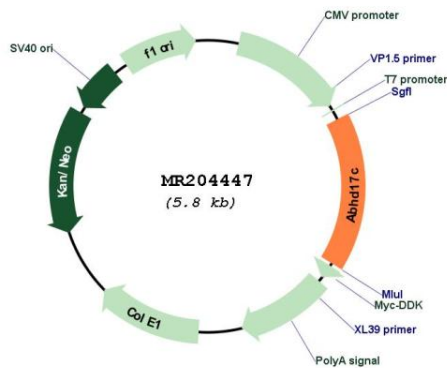
UniProt ID: [Q8VCV1](#)

Cytogenetics: 7 D3

MW: 34.3 kDa

Gene Summary: Hydrolyzes fatty acids from S-acylated cysteine residues in proteins. Has depalmitoylating activity towards DLG4/PSD95.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204447