

Product datasheet for **MG204447**

Abhd17c (NM_133722) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abhd17c (NM_133722) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Abhd17c
Synonyms: 2210412D01Rik; AL023007; Fam108c; Fam108c1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204447 representing NM_133722
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACGGCTTCTCGCTCGGCGAGCTGTGCTGGCTCTTCTGCTGCCCTCCTTGTCGAGCCGCATCGCCG
 CCAAGCTGGCCTTCTGCCGCCGAACCCACCTACACGGTGTGGCGCCGAGCAGCGCGCCCGCTCC
 CGCGGCGACCCCGCGCCCGCCCGGGCGCAGCCCGCTCCGGCCGAGGAGGTGCGGGCCCGGGCGG
 TGCAGCCTGCACCTGAGCGAGCGCGCCGACTGGCAGTACTCGCAGCGGAAGTGGACGCCGTCGAGGTCT
 TCTTCTCGCGCACGGCCCGGACAACCGGCTGGGCTGCATGTTCTGTCGCTGCGGCCCTCCAGCCGCTA
 CAGCTGCTCTTCTCGCACGGCAACGCCGTGGACTTGGGCCAGATGTGTAGCTTCTACATCGGCCTGGG
 TCGCGCATCAACTGCAACATCTTCTTACGACTACTCGGGCTATGGTGTGAGCTCCGGCAAGCCCTCCG
 AAAAGAATCTCTACGCTGACATCGACGCCGCTGGCAGGCACTGCGCACCCGGTATGGCGTGAGTCTGA
 GAACATCATCCTCTATGGACAGAGCATTGGCACTGTCCCCTGTGGACCTGGCCTCGCGGTACGAGTGT
 GCAGCCGTCATCCTCCATTCCCCACTGATGTCTGGTTTGGTGTGTTTTCCGGATACCAGGAAAAAT
 ACTGCTTTGATGCTTTCCCAGCATTGACAAGATCTAAAGTCACCTCTCCTGTGTTGGTCATTACCG
 TACCGAGGATGAGGTCATCGATTTCTCCATGGCTTGGCGATGTATGAGCGCTGTCCCGTGTGTGGAG
 CCCCTGTGGTTGAGGGGCTGGCACAATGATATAGAGCTCTATGCACAGTACCTAGAAGGACTAAAAC
 AGTTCATATCTCAGAGCTTCCCACTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204447 representing NM_133722
 Red=Cloning site Green=Tags(s)

MNGFSLGELCWLFCPPPCPSRIAACLAFLLPPEPTYTVLAPEQRAPAPAATPAPAPAAQPAPAEEGAGPGA
 CSLHLSERADWQYSQRELDAVEVFFSRTARDNRLGCMFVRCAPSSRYTLF SHGNAVLDGQMCSFYIGLG
 SRINCNI FSYDYSYG VVSSGKPKSEKNL YADIDAAWQALRTRYGVSPENIILYQSIGTVPTVDLASRYEC
 AAVILHSPLMSGLRVAFPDTRKTYCFDAFP SIDKISKVTS PVLVIHGTEDEVIDF SHGLAMYERC PRAVE
 PLWVEGAGHNDIELYAQYLERL KQFISHELPNS

TRTRPLE - GFP Tag - V

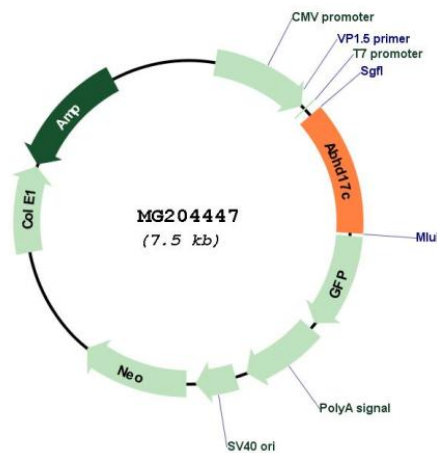
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_133722

ORF Size: 939 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:	<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_133722.1 , NP_598483.1
RefSeq Size:	2251 bp
RefSeq ORF:	963 bp
Locus ID:	70178
UniProt ID:	Q8VVC1
Cytogenetics:	7 D3
Gene Summary:	Hydrolyzes fatty acids from S-acylated cysteine residues in proteins. Has depalmitoylating activity towards DLG4/PSD95.[UniProtKB/Swiss-Prot Function]