

Product datasheet for **RR205940**

Abhd15 (NM_001107025) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abhd15 (NM_001107025) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abhd15
Synonyms:	RGD1304598
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR205940 representing NM_001107025
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCCGTGGCCAGCCGCCCTGGCGCTGCTGCTGGCAGCGCTCGCCCTGCTCCTCTGCGCCCTGGA
 AGCGCGCTGTCGGAGCGGAACCTCGGTCCGGGACCACGAGGAGCAGGAGTGGTGAAGCGAGGCCCGC
 CGACCACTTCAGCGACCGCGCAACCGCTCCCGGGGGCTGCAGCCTCATTGCAAGCCGTCGGCTCTG
 GCCAGTGCCTGCTGCGCGCTCTGCGACGCTCGGCGGCGCTGGAACCGAGCCCGCTCCTGGTGTGCG
 GGCCACCTGCAGACCTTCTGCCACTTCACTGCTGTAGGGCTGACCCTGAGCTAGCCCGGAGTA
 CCTGCAGTGGCAGATGATGGGTGGTGGCTCTGGATTGGGTCAAGGACCTTGTGCCAGGGGCCCGCT
 GTCACCAACCCTGGGAGCCTTCTCCAGTACTACTGGTAATCCCCAATGCATGGGACGCCTCACCCGA
 ATGTAAGGGGCTCTGCCTGCTCGCCCTGGAGCATGGCTACTACCCGGTCACTTCCATCGCCGCGCCA
 CCACGGTTGCCACTAGTCAGCCCGGACTACAGCCTTTTGGGGACCCGTCGACCTCAAGGAGGCTGTG
 ACTTATATTCGCTTCCGACACCCGGCGCACCCCTGTTTCGCGGTGAGCGAGGGTTAGGATCCGCTCTG
 TGCTCTCCTACTTGGGGAGTGGCGCTCCTCCAGCTATGTAACCGGCGCTGCCTGCATCTCGCCAGTGT
 ACGCTGTGCGAGTGGTTCGAGGCTGGCTTGCCTTGGCCTTATGAACGTGGATTCTTGTGTACAGAAA
 ATCGCTCTCAGCAGGTATGCTTCTGCCCTGGAGGACACAGTAGACACCGCAAGCTTCAAGAGCAGCT
 CCCTTCGAGAGTTTGAGGAGACATTGTTCTGCCACCAAGAGTTTGGCCATTAGCTGGGATACCTACTG
 GGATCTCAACGACCCACTCCGGGATGTGGATGAGGCTGCTGTGCCTGTGCTGTGCATCTGCAGTGTGAC
 GACCCGGTGTGTGACCACCAGACCGCACTCTGCCTGCGGAACCTTCCACCAACCCGTATTTCTTCC
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 GATCATCTTGGAGTCTTCAGGGCCCTGACTGAATTTTCAGAATGGAAGAGAGAATGAAAGGGCTGAGC
 AGGCGCAGGACTTCATTTTTAGGGGCGCGCTGCTGGGGGGCCTGCAGAAGCGAGAGTTTCCCTT
 CTCCAATCTGGAGGAGATCTTCGACTGGAAGCGTTCTTACACGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205940 representing NM_001107025
 Red=Cloning site Green=Tags(s)

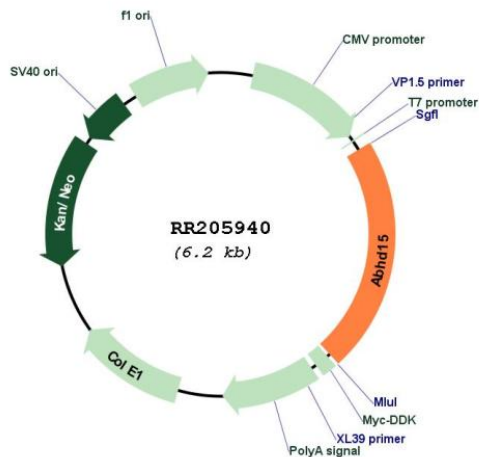
MPPWPAALALLL AALALLL RPWKRAV GARTSVRDHEEQEVVSGGPADHFS DRREPLPGGCSLICKPSAL
 AQLLRALRRSAALEPSR SWLSGPHLQTFCHF ILVGPDPPELAREYLQLADDGLVALDWVIGPCARGRR
 VTNPGSLPPVLLVIPNAWGRLTRNVLGLCLLALHGYYPVIFHRRGHGCPVSPRLQPFGDPDLKEAV
 TYIRFRHPAAPLFAVSEGS SALLLSYLGECS SSVYVTAACISPVLR CREWFEAGLPWPYERGFLLYQK
 IALSRYASALEDTVDTGKLFKSSSLREFEETLFCHTKSLPISWDTYWDLNDPLRDVDEAAVPVLCICSAD
 DPVCGPPDRTLPAELFHTNPYFFLLLSHGHCFLRPEPLPAWSHEIILESFRALTEFFRMEERMKGLS
 RRTSFLGRRRWGGLQKREVSPSSNLEEIFDWKRSYTR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001107025

ORF Size: 1377 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_001107025.1](#), [NP_001100495.1](#)

RefSeq Size: 3098 bp

RefSeq ORF: 1380 bp

Locus ID: 303343

Cytogenetics: 10q24

MW: 51.3 kDa