

Product datasheet for **RR206294**

Abhd1 (NM_001008520) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abhd1 (NM_001008520) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Abhd1
Synonyms: MGC105659
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206294 representing NM_001008520
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAATACCTCCACATAACCAAGATGCTGAGTTCCTCTCTGAGCCCGAAAATGGCACCTGGTCAGATG
CCATCTCTCTGCTCTTAGCTCTTGGCATTGCTCTCTACTTGGGCTACTACTGGGCATGTGTGCCCCAGAG
GCCTCGTCTGGTGGCTGGGCCCCAGTTTCTGGCCTTCTGGAGCAACACTGTCCAGTCACTGTGGAGACT
TTCTACCCACACTATGGTGCTTTGAGGGACGGCTGCAAACCATCTTTCGAGTCCCTCTGCAGTCTCAGC
CTGTGATCCCTTACCGGAGTGAAGTCCCTCCAGACCCCGGATGGAGGCCAGTTCCTTCTGGACTGGGCTGA
GCAGCCTTACAGCAGTCACTGCCAGACCCGACCACCCAGCCCATAGTACTATTGCTTCCGGGTATCAGC
GGCAGCAGCCAGGAGCCATATATCTTACACCTAGTTGACCAGGCTCTGAAGGATGGCTATAGGGCTGTTG
TATTTAATAACCGTGGATGCCGAGGGGAAGAGCTGCTGACGCACAGGGCTTACTGTGCCAGCAACACTGA
AGACCTAGAAAACGGTTGTGAAGCACATAAAGCACCGCTACTCCCGAGCTCCACTGCTGGCTGTGGGGATC
TCTTTCGGAGGGATACTGGTACTTAACCTACCTGGCACGGACCCGGGAAGGCTGGAGGCTTGGTCGCGGGAC
TGACCATGTCTGGTGTGGGATTCTTTGAGACCGTTGACTCCTTGGAGACCCCACTCAACTCACTGCT
CTTCAACCAGCCCTCACTGCTGGACTCTGCCGCTTGTGGCCAGGAACAGAAAGTCAATTGAAAAGGTG
TTGGATGTAGACTTTGCGATAAAGGCCCGCACAATCCGCCAGCTGGATGAGCGCTACACATCTGTGGCTT
TTGGGTATAAAGACTGTGCGGCTTATTACCATGCCTCAAGCCCGAGAACCAAGGTGGATGCCATCTGCAC
CCCTGTCTCTGCCTCAATGCAGCAGACGATCCCTTCTCCCCAGTGCAGGCCCTCCCTCTGCAGGCTGCC
CAGAAGTCTCCCTACGTGGCCCTGCTCATCACAGCTCGGGGTGGCCACATTGGCTTCTGGAAGGGCTGC
TGCCCTGGCAACACTGTTACATGAACCGCTGCTACATCAGTATGCCCGAGCTGTCTCCAGCACTCGGT
GGGGCTGCCGGGCTCGGAGCACTCACTCCTGAAGATGGAAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206294 representing NM_001008520
 Red=Cloning site Green=Tags(s)

MEYLHITKMLSSSLSPQNGTWSDAISLLLALGIALYLGYYWACVPQRPRLVAGPQFLAFLEQHCPVTVET
 FYPTLWCFEGLQTIIFRVLLQSQPVIPYRSEVLQTPDGGQFLLDWAEQPYSSHCPDPTTQPIVLLLPGIS
 GSSQEPYILHLVDQALKDGYRAVVFNNRGRGEELLTHRAYCASNTEDLETVVKHIKHRYSRAPLLAVGI
 SFGGILVLNHLARTGKAGGLVAGLTMSACWDSFETVDSLETPLNSLLFNQPLTAGLCRLVARNRKSIEKV
 LDVDFAIKARTIRQLDERYTSVAFGYKDCAAYYHASSPRTKVDAICTPVLCLNAADDPFSPVQALPLQAA
 QKSPYVALLITARGGHIGFLEGLLPWQHCYMNRLHQYARAVFQHSVGLPGLGALTPEDGKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

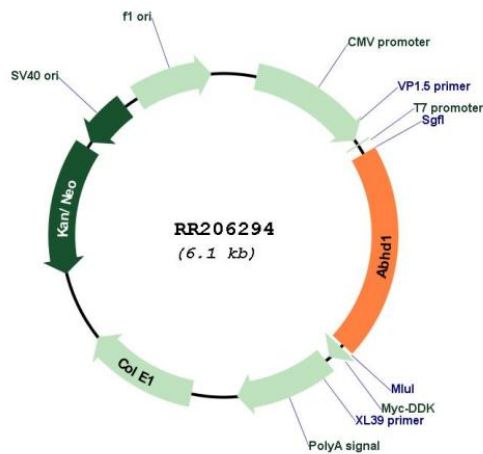
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001008520

ORF Size:	1236 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_001008520.1 , NP_001008520.1
RefSeq Size:	1387 bp
RefSeq ORF:	1239 bp
Locus ID:	313917
UniProt ID:	Q5RK23
Cytogenetics:	6q14
MW:	45.6 kDa