

Product datasheet for MR206471

Abhd1 (NM_021304) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abhd1 (NM_021304) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abhd1
Synonyms:	LABH-1; LABH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206471 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATACCCCTACACAACCAAGATGCTGAGTTCCTCCCTGAGCCCGCAAACGGCACCTGGTCAGACA
CCATCTCTCTGCTCTTAGCTCTTGGCGTTGCTCTACTTGGGCTACTACTGGGCATGTGTGCCCCAGAG
GCCTCGTCTGGTGGCTGGGCCAGTTTCTGGCCTTCTGGAACAACACTGTCCAGTCACTGTGGAGACT
TTCTACCCGACACTGTGGTGTCTTGGGGACGGCTGCAAACCATCTCCGAGTCTCTGCAGTCTCAGC
CTGTGGTCCCTTACCGGAGTGAAGTCCCTCCAGACCCAGATGGAGGCCAGTTCCTTCTAGACTGGGCCGA
GCAGCCTAACAGCACTACTACCCGGACCCTACCACCCAGCCCATAGTACTGCTGCTCCAGGCATCAGC
GGCAGTAGCCAGGAGCCGTACATCTTACACCTAGTTAACCAAGCTCTGAAGGATGGCTATAGGGCTGTTG
TATTTAATAACCGAGGATGCCGAGGGGAAGAGTCTGCTGACTCACAGGGCTTACTGTGCCAGCAATACTGA
AGACCTAGAAACAGTTGTGAAGCACATAAAACGTCGCTACTCCCAAGCTCCACTGCTGGCTGTGGGCATC
TCTTTGGAGGGATACTGGTGTAACTATCTGGCACAGACTGGGAAGGCTGGAGGCTTGGTGCAGGAC
TGACCATGTCTGCATGTTGGGATTCCTTGGAGACCGTTGACTCCTTGGAGACCCCACTCACTCACTGCT
CTTCAATCAGCCACTCACTGCTGACTCTGCCGGCTTGTGGCCAGGAACCGAAAGCAATTGAAAAGGTG
TTGGATGTAGACTTTGCGATAAAGGCCCGCACGATCCGCCAGTGGATGAGCGCTACACATCTGTGGCTT
TTGGGTATAAAGACTGTGCGCTTATTACCAAGCCGAAGCCCAAGAACCAAGGTAGATGCCATCCACAC
CCCTGTTCTCTGCCTCAATGCAGCAGATGACCCCTTCTCCCCAGTCCATGCCCTCCCTCTGCAGGCTGCC
CAGAAGTCTCCCTATGTGGCCCTGCTCATCACAGCTCGGGGTGGCCACATTGGCTTCTGGAAGGGCTGA
TGCCCTGGCAACACTGTTACATGAACCGCTACTACATCAGTATGCCCGAGCCATCTCCAGCACTCAGT
GGGGCTACCTGACCTGGGAGTACTCACTCTGAAGATGGAAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206471 protein sequence
Red=Cloning site Green=Tags(s)

```
MEYPTYTKMLSSSLSPQNGTWSDTISLLLALGVALYLYGYYWACVPQRPRLVAGPQFLAFLEQHCPVTVET
FYPTLWCFEGRQTIFRVLLQSQPVPVYRSEVLQTPDGGQFLLDWAEQPNSTHYPDPTTQPIVLLLPGIS
GSSQEPYILHLVNQALKDGYRAVVFNNRGRGEEELLTHRAYCASNTEDLETVVVKHKKRRYSQAPLLAVGI
SFGGILVLNYLAQTGKAGGLVAGLTMSACWDSFETVDSLETPLNSLLFNQPLTAGLCRLVARNRKPTEKV
LDVDFAIKARTIRQLDERYTSVAFGYKDCAAYYQAASPRTKVDAIHTPVLCCLNAADDPFSPVHAFPLQAA
QKSPYVALLITARGGHIGFLEGLMPWQHCYMNRVLHQYARAIFQHSVGLPDLGVLTPEDGKS
```

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_021304

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_021304.3](#), [NP_067279.2](#)

RefSeq Size: 1359 bp

RefSeq ORF: 1239 bp

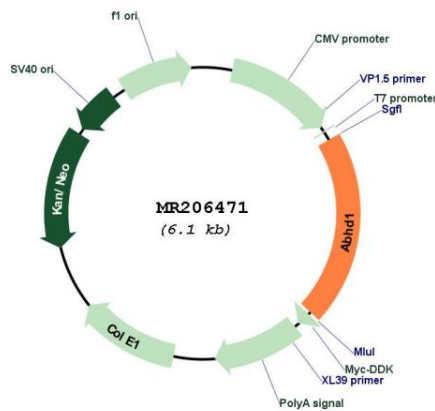
Locus ID: 57742

UniProt ID: [Q9QZC8](#)

Cytogenetics: 5 B1

MW: 45.7 kDa

Product images:



Circular map for MR206471