

## Product datasheet for **MR206990**

### Abhd8 (NM\_022419) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Abhd8 (NM_022419) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abhd8
Synonyms:	0910001L24Rik; AB030191
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR206990 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCTCAGAACACACCATGCTGACTGGGGTGACAGATGGCTTTTTCTGCTGCCTGCTGGGACTCCCC  
 CTAAACCCGTGCGGCCACTGGAGAGTGTGAGTCCAGTGACGGCTACACATTCGTGGAGGTCAAGCCAGG  
 CCGGGTGTGCGGTAAGCATGCGGGGCCCGCCCATCCCCACGCCGCCACCACCACCTCCTGAAGAT  
 GATCCAGGGTCAAGACAGGCCTTGTGCGCTGCCAGCGCGTATCACAGTGTACCGAACGGGAGGCTGG  
 TGGTGGAGAACCTGGGCCGAGCGCTCGTGCCGACCTGCAAGGCCGAGTGGCTCCGGGGACCCGCTGC  
 TGCACTCGAAGTTGAGCTGGCTGAGCCCGCAGGAGGAGACACCCGGGCCAACCCAGGCAGCGGGCAGCG  
 CGCCGCCACGGCTCCGAAGAGGACCATCCACATCGACTGTGAGCAGCGCATCACCAGTGCAAGGGTG  
 CGCAGGCTGATGGTGTGTTCTTTCATTACGGAGTCGGTGGCTCACTCGCCATCTGGAAGGAGCAGCT  
 AGACTTCTTTGTGCGACTCGGCTATGAGGTGGTGGCACCTGACCTGGCGGCCATGGAGCCAGCTCTGCG  
 CCGCAGGTGGCAGCTGCCTACACCTTTACGCATTGGCAGAGGATATGAGGGCCATCTTACACCGCTATG  
 CCAAGAAGCGCAATGTGCTCATCGGCCATTCTTACGGTGTCTCCTTCTGTACTTTCTGGCCACAGTA  
 CCCAGATCTTGTACAAAAGTGATCATGATCAACGGTGGGGGCCACGGCACTGGAGCCAGCCTATGC  
 TCCATCTTCAACATGCCACATGTGCTCCTGCACTGCCTGTACCTTGCTGGCTGGAGTTTCTCAAGG  
 CCGGCTTTGCCGCCAAGGGGCCAAAGAAAAGCAGCTGCTGAAGGAGGCAATGCGTTCAATGTGTCCTC  
 CTTGCTGCTGCGGCCATGATGAGTGGCCAGTATTGGCTGAAGGCGACGAGGTCTACCACGCGGAGCTG  
 ACGGTACCCGTGCTGCTAGTGCACGGCATGCACGACAAATTTGTCCAGTGAAGAGGACCAACGCATGG  
 CTGAGATCCTGCTGCTGGCTTTCTCAAGCTCATCGAGGAAGGCAGCCACATGGTGTGCTGGAGTGTCC  
 TGAACGGTCAACACGCTGTTACACGAGTTCCTGCTGTGGGAGCCAGAACCCGAGGCTGAGCCAAAGCTC  
 GAGCCAAAGCCCAAGCCACAGCTGCTGCAGCCAGACCGGCTCCAGGGGAGGAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR206990 protein sequence  
 Red=Cloning site Green=Tags(s)

MTSEHTMLTGVTDFGFCCLLGTTPNAVRPLESVESDGYTFVEVKPGRVLRVKHAGPAPIPTPPPPPPED  
 DPGVKTGLVRCQRRITVYRNGRLVVENLGRAPRADLQGRSGSDPPAALEVELAEPAGGDTRANPGSGRR  
 RRP RRPKRTIHIIDCEQRITSCGAQADVLLFFIHGVGSLAIWKEQLDFVRLGYEVVAPDLAGHGASSA  
 PQVAAAAYTFYALAEDMRAIFTRYAKRNVLIHGSYGVSFCTFLAHEYDVLVHKVIMINGGPTALEPSLC  
 SIFNMPTCVLHCLSPCLAWSFLKAGFARQGAKEKQLLKEGNFNVSSFVLRAMMSGQYWPEGDEVYHAEL  
 TVPVLLVHGMHDKFVPVEEDQRMAEILLALFLKLIIEGSHMVMLECPETVNTLLHEFLLWEPEPEAPKL  
 EPKPKPQLLQPEPAPGEEK

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_022419

**ORF Size:** 1320 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\\_022419.1](#), [NM\\_022419.2](#), [NM\\_022419.3](#), [NP\\_071864.1](#)

**RefSeq Size:** 1985 bp

**RefSeq ORF:** 1320 bp

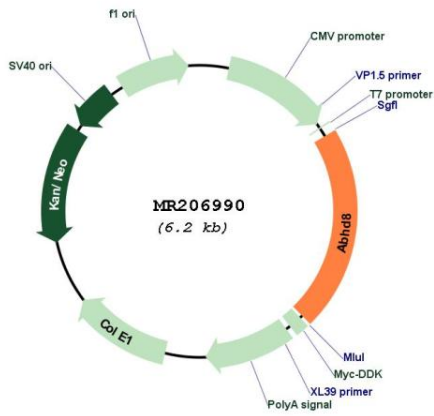
**Locus ID:** 64296

**UniProt ID:** [Q8R0P8](#)

**Cytogenetics:** 8 B3.3

MW: 48.2 kDa

Product images:



Circular map for MR206990