

Product datasheet for **MR207596**

Abhd16b (NM_183181) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abhd16b (NM_183181) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abhd16b
Synonyms:	1700095H12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR207596 representing NM_183181
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGTGTCATCTGCTTTGTGAAGGCACTAGTGCACGTGTTCAAGATCTACTTGACAGCAAACACTACAGTT
 ACAACTTCGCGAGCTGGCCGGTGGACTTCCGCTGGGATGACCTGCATGCCCAAGCACTGGTAATAGCAG
 TCAACGTGCGTTGACCTGTGCTGCACTGCTGCAGGTGTGTGGCTGCTACACGATGCTGCACTGGGAGGC
 GACACACTCACAAGGCTCCACGTGGAGCTCGGAGCCAAGTGCAGTGCCTCCTCCAGCAGATCCGTGAGC
 TGCCAGCCAGCTTGCTAGCTATGCACTGGCCCACTCACTGGGCCGCTGGCTTGATAACCCGGTCTAT
 GTTCTTGATGACGCGTGCATTAATGCCTCTACTACAGCAGGGCCAGGAGCGACTAGTGGACCGCTACCGT
 GGGCGCGTGCCAAGCTGGTGGCTGCGACGGCAATGAGATTGACACCATGTTTCATGGATCGCCGTCAGC
 ATCCCGGCAGCCATGGCCGGCCCTTTGTCTGGTCATATGCTGTGAAGGGAATGCTGGCTTCTATGAGAT
 GGGCTGCCTGTCCGACCTCTGGAGGCTGGATACTCAGTGTAGGCTGGAACCACCTGGCTTTGGAGGC
 AGCACAGGTGCACCTTCCCAACAACATGATGCAAATGCAATGGATGTAGTGGTCAAATATGCGCTGCACC
 GTTTGAACCTCCCGCCAGCACACGTGGTGGTTTATGGCTGGTCTATAGGAGGCTTACAGCCACTTGGGC
 CACCATGACTTACCCAGAAGTGGGTGCACTAGTGTGGACGCCACCTTTGATGATCTGGTGCACACTAGCG
 CTGAAGGTTATGCCCCAGAGTTGGAAAGGGCTGGTAGTACGCACTGTACGGGAACACTTCAATCTCAATG
 TTGCTGAGCAGCTGTGCTGTACCCAGGCCCAGTACTTGTCTCAGACGTACACAAGATGATGTTGTGCA
 CACCTCGAACCATATACCTCGATGCCATCTTGCCAAGTGGAGGGGGATGGAAGGTAAACCGTGGCAAT
 GAGCTGCTGTTGGCCTTCTACAGCACAGATATCCCTCTGTGATGGCTCGCGAGGGCCGACCGTGGTAA
 CCCGCTGGTACGTGCCAGCAACTTGGCTCAAGAACTGCATTATGCACGCTACCGGCTTGATGATGA
 GTGGTCTTAGCAACACTTCGTTCTTATCGTGAGAGATGCCAGAAGGAGCTGGACGATGCCGAGGCCTGG
 GGGCCACACGGACTTTCCTTTCCTTGGTTCGTGGGCAAGGTCTGAGTGCCCGGGCGCGCCGACGCTTG
 CACTGTTCTTGCCAGCAGGCACCTTAAGAACCTGGAGGCAACTCACTGCAGTCCACTGGAGCCTGAGGA
 CTTCCAATTGCCCTGGAGACTA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207596 representing NM_183181
Red=Cloning site **Green**=Tags(s)

MCVICFVKALVHVFKIYLTANYSYNFRSWPVDFRWDDLHAPSTGNSSQRAL TCAAAAAGVWLLHDAALGG
 DTLTRPPRGARSQVQCLLQQIRELPSQLASYALHSLGRWL VYPGSMFLMTRALMPLLQQQERLVDRYR
 GRRRAKL VACDNEIDTMFDRRQHPGSHGRGLCLVICCEGNAGFYEMGCL SAPLEAGYSVLGWNHPGFGG
 STGAPFPQHDANAMDVVVKYALHRLNFP AHVVVYGWSIGGFTATWATMTYPELGALVL DATFDDL VPLA
 LK VMPQSWKGLVVRTVREHFNLVAEQLCCYPGPVLLLRRRQDDVVSTSNHIPSMPSCQVEGDVEGNRGN
 ELLLRLLQHRYP SVMAREGRVVTRWLRASNL AQETALYARYRVDDWCLATLRSYRERCQKELDDAEAW
 GPHGLSFPWFVQGLSARRRRLALFLARRHLKNLEATHCSPLEPEDFQLPWRL

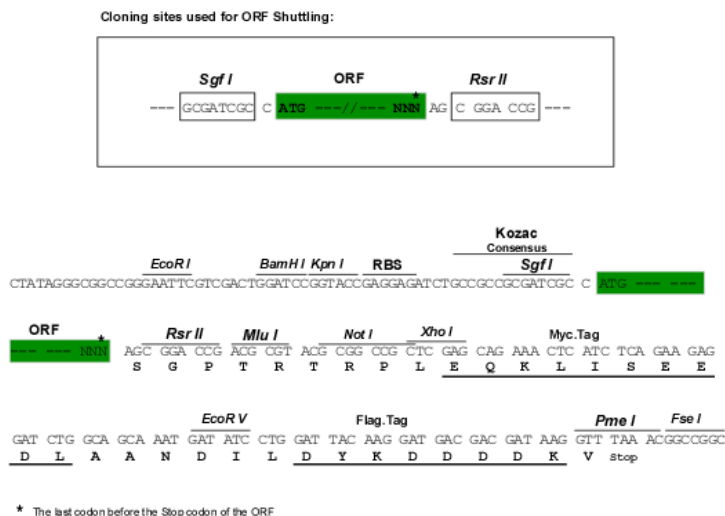
SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDK V

Chromatograms:

https://cdn.origene.com/chromatograms/mm9082_e05.zip

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_183181

ORF Size: 1422 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_183181.2](#), [NP_899004.1](#)

RefSeq Size: 1775 bp

RefSeq ORF: 1425 bp

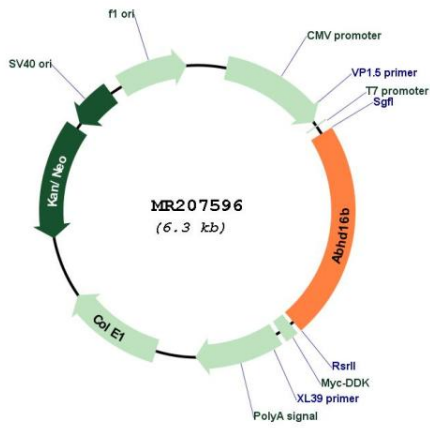
Locus ID: 241850

UniProt ID: [Q80YU0](#)

Cytogenetics: 2 H4

MW: 53.3 kDa

Product images:



Circular map for MR207596