

Product datasheet for **MR212457**

Abhd18 (NM_026622) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abhd18 (NM_026622) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abhd18
Synonyms:	2310068E01Rik; 3110057O12Rik; AI645591
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR212457 representing NM_026622
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGTAAGCAAGTTAGATATTCTATACCGGAGACTTCTTCTCACAAAACCTTTTCATCAGAGGATGGG
 GAAGGCCAGAAGACCTCAAGAGACTCTTTGAATTCAGAAAAGATGATTGGAATTCAGAAAAGTGGCCAGAA
 CCTGGTTTCAAGTGACTACCCGGTACACATCGATAAGGTTGAAGAACAGTCAGATTGTAAGATCCTAGAT
 GGACACTTTGTTTCTCCCATGGCCCACTATGTGCCTGGTATCATGCCAATTGAATCTGTTGTTGCAAGAT
 TCCAGTTTATCGTGCCTAAGGAATGGAACAGCAGGTACCGACCTGTGTGCATTCTCTGGCTGGAACAGG
 AGACCATCATTACTGGAGGCGCAGAACACTCATGGCTCGTCTATGATTAAGGAGGCCAGGATGGCTTCA
 TTGTTGTAGAAAACCTTATTATGGCTGCAGGAAGCCCAAGGACCAAGTAAGATCCAGCTTAAAAAATG
 TGTCAGACCTATTTGTGATGGGAGGCGCTTATTCTTGAGTCTGCAGCTCTCTTGCACTGGCTGGAGAG
 GGAAGTTATGGACCTCTGGGATGACTGGAATATCCATGGGAGGACATATGGCCTCCTTAGCAGTGCC
 AACTGGCCCAAGCCCATGCCGTTGATTCCATGCCTGTCTTGGTCCACAGCATCTGGGGTCTTCACTACGG
 GTGATTGAGTAAATCAATTAATTGGCGGGAGCTCGAAAAGCAGTATTATACACAGACAGTTTATGAAGA
 AGAAAATTATCATATGCTTGAATACTGTGGGACAGATTCTTTCAAAATGGGACACAGGTTTATGAATCAC
 TTGCTAGCAATGCAGACAAGCTGACTAACCTGAATCTGGTTTCCAGAACCTTAAATTTAGATATGACAG
 ACCAAGTTGTATCCCAAAGGATGCCAAGTGCCATAAGTCTGGTAAAACATCTATCAGTGCCTCTTCAA
 TGGACAGCTGTTGCAAGATACAGCTAAGATGGAATGCTTGAATCAAACGCTCTCGACTAACAAAAGTTGG
 TTTGCAAGTTACAACCTCAGTCATTTACCTGCTCAATAGAGAACAAGAAGAAGCAATCGTCAAAAAG
 AATCTTTAATATTCATGAAAGGAGTCATGGATGAATGACTCAGTACGAACTTCTCAGTCCAGTTGA
 TCCAAGCCTCATTATAGTGGTACAAGCCAAAGAGGATGCCTATATTCACGAACAGGAGTTCGAAGCTTG
 CAAGAAATTTGGCCTGGTTGTGAAATCCGGTATCTAGAAGGGGTCATATCAGTGCTTATCTCTTTAAAC
 AAGGACTCTCAGACAAGCCATCTACGATGCCTTTGACGTTTCTTCATAAATATGCTAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR212457 representing NM_026622
 Red=Cloning site Green=Tags(s)

MGVSKLDILYRLLLLTKLFIKRWGRPEDLKRLEFRKMIKGNRERCQNLVSSDYPVHIDKVEEQSDCKILD
 GHFVSPMAHYVPGIMPIESVVARFQFIVPKWNSRYRVCIHLAGTGDHYYWRRRTLMARPMIKEARMAS
 LLLLENPYYGCRKPKDQVRSSLNKNSDLFVMGGALILESAALLHWLEREGYGLGMTGISMGHMASLAVS
 NWPKPMPLIPCLSWSTASGVFTTGVLKSKINWRELEKQYYTQTVYEEI IHMLEYCGTDSFKMGHEFMNH
 LPSNADKLTNLNLVSRLLNLDMDQVVS PKDAKCHKSGKTSISAPSNGQLLQDTAKMECLNQTLSNKS
 FASYNPQSFHLLNREQRSSNRQKESLIFMKGVMECTHVANFVSPVDPPLIIVVQAKEDAYIPRTGVRSL
 QEIWPGCEIRYLEGGHISAYLFKQGLFRQAIYDAFERFLHKYAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9070_f06.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_026622

ORF Size: 1392 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_026622.4](#)

RefSeq Size: 2492 bp

RefSeq ORF: 1395 bp

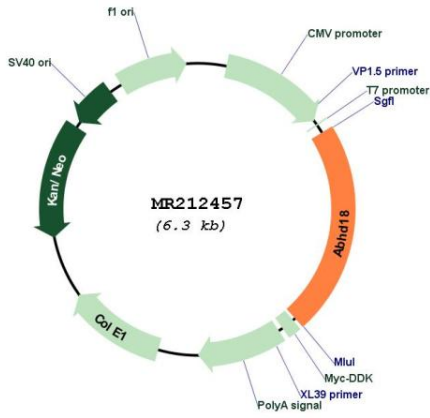
Locus ID: 269423

UniProt ID: [Q8C1A9](#)

Cytogenetics: 3

MW: 53.2 kDa

Product images:



Circular map for MR212457