

Product datasheet for MR204120

Abhd10 (NM_172511) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abhd10 (NM_172511) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abhd10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204120 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCCTGGGCCCTTGTCGGAGGTGGGGCTGGGCGGCTGTGTCTTCGGCCGGCACCCGGGCCTGA
GCGCGTCACTAGCTCGGAAGCCCCACGGGCATGGTGGCTCTCAGCTTGCAGACAAAAGGCATCACTTTC
TTTCCTTAACCGATCAGAACTTCCAAACCTGGCTTATAAGAGGTTAAAAGGCAAAACCCAGGAATTATC
TTCATCCCTGGCTATCTTTTAACATGAATGGTATAAAGGCAGTAGCAGTTGAGGAGTTTTGCAAATCTC
TAGGTCACGCCTTATAAGGTTTGACTACTCAGGGATTGGAAGTTCAGATGGTAACTTAGCAGAGTGCAC
AGTGGGGAAATGGAGAAAGGATGTCCTTTCCATACTTGATGACGTAGCTGAAGGACCGCAGATACTGGTT
GGATCCAGTCTTGGTGGATGGCTCATGCTGCATGCTGCAATTGCACGGCCGAAAAAGTCATAGCTCTTA
TTGGTATAGCTACTGCTGCAGATGGATTGGTGACACAATATCATGCACTTCTGTGAGACTCAAAAGGA
AATAGAAATGAAAGGTGAGTGGACCTTGCCATCTAGATACAACAAGGAAGGCTATTTTCAGAAATCCCGTAC
AGTTTCATTAAGAAGCGGAGCATCACTGCTTGTTCATAGCCCCATCCCTGTGACCTGCCCTGTACGCT
TGCTCCACGGCATGAAGGATGAAATAGTTCCTTGGCAGAGATCCCTGCAGGTCGGGACCGAATAGTCAG
CCCAGATGTAGATGTCATCCTCCGAAACAAGGTGATCACAGGATGAAGGAGAAAGCAGATATTCATCTG
CTTATTTGTAATGACTTATTGATGACTTGATTGACAAGCTTCAACTGTAGTTCCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204120 protein sequence
 Red=Cloning site Green=Tags(s)

MAAWAPCRRWGAAVVSFGRHPGLSASLARKPPRAWLWSACRQKASLSFLNRSELPNLAYKRLKGKTPGII
 FIPGYLSNMNGIKAVAVEEFCKSLGHAFIRFDYSGIGSSDGNLAECTVGKWRKVDLSILDDVAEGPQILV
 GSSLGGWMLHAAIARPEKVIALIGIATAADGLVTQYHALPVETQKEIEMKGEWTLPSRYNKEGYFRIPY
 SFIKEAEHHCLLHSPIPVTCVPRLLHGMKDEIVPWQSLQVADRIVSPDQVILRKQGDHRMKEKADIHL
 LICTIDDLIDKLSTVVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_172511

ORF Size: 894 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_172511.4](#)

RefSeq Size: 2860 bp

RefSeq ORF: 894 bp

Locus ID: 213012

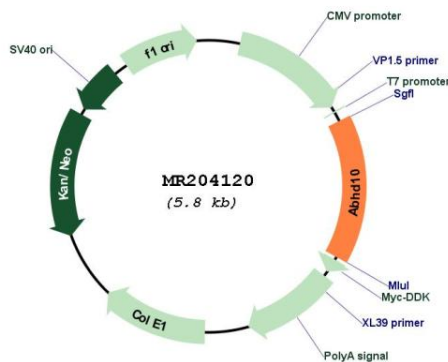
UniProt ID: [Q6PE15](#)

Cytogenetics: 16 B5

MW: 33 kDa

Gene Summary: This gene encodes a mitochondrially-localized enzyme that acts as a hydrolase. The encoded protein removes glucuronide from mycophenolic acid acyl-glucuronide. There are two pseudogenes for this gene on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]

Product images:



Circular map for MR204120