

Product datasheet for MR203401

Hsd17b10 (NM_016763) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsd17b10 (NM_016763) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hsd17b10
Synonyms:	17bHSD10; Ads9; ERAB; Hadh2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203401 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCGGCAGTTCGGAGCGTGAAGGGCTTGGTCGCGGTAGTAACTGGAGGAGCCTCGGGCCTTGCC
TAGCTACGGCCAAAAGACTGGTGGGACAAGGGCCACAGCTGTACTTCTGGATGTACCTGACTCAGAGGG
TGAAGCCCAAGCCAAGAAGTTAGGAGAAAGCTGCATATTTGCCCCAGCAAATGTGACCTCTGAGAAGGAG
ATACAAGCAGCTTTGACTCTAGCAAAAAGAAAAGTTTGGCCGTATAGATGTGGCTGTCAACTGTGCAGGTA
TTGCAGTGGCCATTAAGACATACCACAAAAGAACAAGATCCATACTTTGGAGGACTCCAGCGGGT
TATCAATGTGAATCTTATAGGCACTTTCAATGTGATCCGCTGGTTGCTGGGGAGATGGGCCAGAATGAA
CCAGACCAGGGAGGCCAACGTGGAGTTATCATTAACTGCCAGTGTGGCTGCCTTTGAGGGCCAGGTTG
GACAAGCTGCATACTCTGCATCCAAAGGGGGCATAGTGGGCATGACACTGCCATTGCTCGAGATCTGGC
TCCTACAGGCATCCGTGTGGTAACAATTGCTCCAGGTTTGTGGCCACCCCACTGCTTACCACCCTTCCA
GAGAAAGTGCGAAACTTCTTGGCCAGCCAGGTACCCTTCCCAGCCGACTAGGTGACCCCGCTGAATATG
CTCATCTGGTACAGACCATAATCGAGAACCATTCTTGAATGGAGAGGTCATCCGGCTGGATGGGGCCAT
TCGAATGCAGCCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203401 protein sequence
Red=Cloning site Green=Tags(s)

MAAAVRSVKGLVAVVTGGASGLGLATAKRLVGQGATAVLLDVPDSEGEAQAKKLGESCIFAPANVTSEKE
 IQAALTLAKEKFGRIDVAVNCAGIAVAIKTYHQKKNKIHTLEDQFQVINVNLIGTFNVIRLVAGEMGONE
 PDQGGQRGVIINTASVAAFEGQVQAAAYSASKGGIVGMLPIARDLAPTGIKRVVTIAPGLFATPLLLTLP
 EKVRNFLASQVFPFRLGDPAEYAHLVQTIENPFLNGEVIRLDGAIRMQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_016763

ORF Size: 786 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_016763.2](#), [NP_058043.3](#)

RefSeq Size: 938 bp

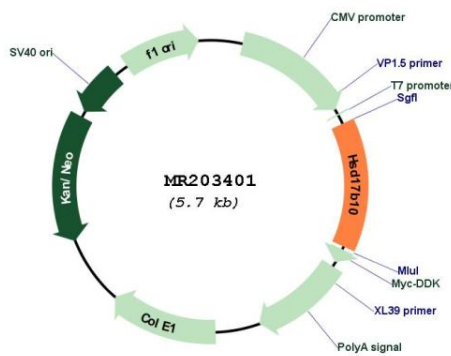
RefSeq ORF: 786 bp

Locus ID: 15108

Cytogenetics: X F3

MW: 27.3 kDa

Product images:



Circular map for MR203401