

Product datasheet for **RR202567**

Hsd17b7 (NM_017235) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hsd17b7 (NM_017235) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hsd17b7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202567 representing NM_017235
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGAAGGTGGTTTTGATTACCGGGGCGAGCAGTGGCATTGGGCTGGCCCTTTGCGGTCCGGTGTGG
CAGAAGACGATGACCTTCACCTGTGTTTTGGCGTAGGAACCTGAGCAAAGCAGGAGCTGTCCGTGATGC
CCTGCTGGCCTCTACCCCTCCGCCGAGGTGAGCATTGTGCAGATGGATGTCAGCAACTGCAGTCGGTG
GTCCGGGGAGCAGAGGAAGTCAAGCGAAGTTTTCAAAGATTAGACTACTTATACCTGAACGCCGGAATCA
TGCCCTAACCCAGCTAAACCTCAAAGCGTTTTCTGTGGTATCTTTCAAGAAATGTGATTCATATGTT
CTCCACAGCGGAAGGACTTTTGACCCAGAATGACAAGATTACTGCTGATGGGTTCCAGGAGGTGTTGAA
ACCAATCTCTTTGGCCACTTTATCCTGATTCGGGAAGTGAACCACTTCTCTGCCACAGTGACAACCCCT
CTCAGCTCATCTGGACGTCTTCTCGAAATGCAAAGAGTCTAAGTTCAGTCTTGAGGACATCCAGCACGC
CAAAGGCCAGGAACCTTACAGCTCTTCCAATACGCTACTGACCTCCTGAATGTAGCTTTGAACAGGAAT
TTCAATCAGAAGGTCTGTATTCAGTGTGACGTGTCCAGGGTCTAATGACCAATCTGACGTATGGGA
TTCTGCCCCCTTTGTTGGACGTGCTTCTCCGGTGATATGGCTCCTTCGCTTTTTGCACATGCGTT
CACTGTGACACCGTACAATGGTGCAGAGGCATTGGTGTGGCTTTCCACCAAAAACCGGAGTCTCTCAAC
CCTCTGACCAATACTTGAGCGGCACCACAGGATTAGGGACTAATTATGTCAAGGGCCAAAAGATGGACG
TAGATGAAGACTGCAGAAAAGTTCTACAAGACCTTACTGGAGCTAGAAAAGCAAGTCAGGATCACCAT
TCAGAAATCAGATCACACAGC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

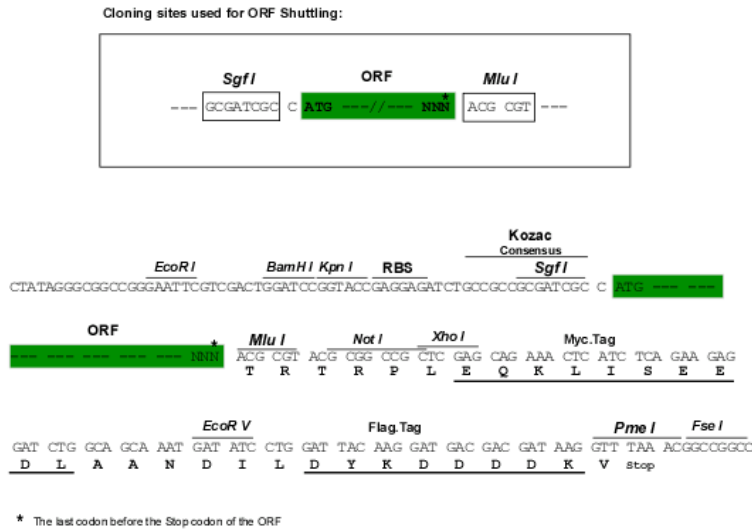
Protein Sequence: >RR202567 representing NM_017235
 Red=Cloning site Green=Tags(s)

MRKVVLITGASSGIGLALCGRLLAEDDDLHLCLACRNLSKAGAVRDALLASHPSAEVSIQMDVSNLQSV
 VRGAEVKKRRFQRLDYLNLNAGIMPNPQLNLKAFFCGIFSRNVIHMFSTAEGLLTQNDKITADGFQEVFE
 TNLFGHFILIRELEPLLCHSDNPSQLIWTSSRNAKKSNFSLEDIQHAKGQEPYSSSKYATDLLNVALNRN
 FNQKGLYSSVTCPGVVMNTLTYGILPPFVWTL LLPVIWLLRFFAHAFTVTPYNGAEALVLFHQKPESLN
 PLTKYLSGTTGLGTNYVKGQKMDVDEDTAEKFKTLLELEKQVRITIQKSDHHS

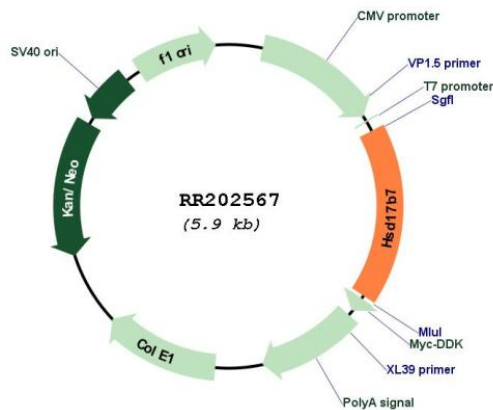
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_017235

ORF Size:	1002 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:	<ol style="list-style-type: none">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_017235.3 , NP_058931.1
RefSeq Size:	1704 bp
RefSeq ORF:	1005 bp
Locus ID:	29540
UniProt ID:	Q62904
Cytogenetics:	13q24
MW:	37.4 kDa
Gene Summary:	a phosphoprotein that associates with the short form of the prolactin receptor [RGD, Feb 2006]