

## Product datasheet for **RN216500**

### Htr5b (NM\_024395) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Htr5b (NM_024395) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Htr5b
Synonyms:	5Ht5b; REC17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216500 representing NM_024395 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGTCTCTAACCTCTCAGGCGCCACCCTGGCATTGCCTTTCCTCCGGGACCCGAGAGCTGCAGTG  
ACAGCCAAAGTTCGGCAGAAGCATGGGATCCACCCAGGGGGGCTCATCTTGCCGGCCGAGCCGCC  
CTTCTCTGCCTTACCGTACTCGTGGTAACTCTACTGGTGTGCTGATCGCTGCCACTTTCTTATGGAAT  
CTGCTAGTTCTGGTGACTATCCTGCGCGTCCGCGCCTTCCACCGTGTGCCACATAAATTGGTAGCCTCGA  
CCGCCGTCTCGGACGTCTGGTGGCGGCTCTGGTATGCCACTGAGCCTGGTGGAGGAGTTGTCGGCTGG  
GCGACGTTGGCAGCTGGCAGGAGTCTGTGCCACGTGTGGATCTCCTTCGACGTGTTGTGCTGCACAGCC  
AGCATCTGGAACGTGGCGGCCATCGCCCTGGATCGCTACTGGACTATCACGCGCCACCTGCAGTACACGC  
TGCGCACCCGGCGCCGCGCTTACGCACTTATGATCGCGATCACCTGGGCACTGTCCGCCCTCATCGCGCT  
CGCCCCGTGCTCTTTGGCTGGGGCAAGCCTACGATGCTCGGCTGCAGCGTTGCCAGGTGAGCCAGGAG  
CCTTCGTACGCCGCTTCTCCACCTGCGGAGCTTCTACGTGCCTTGGCCGTGGTGTCTTCGTCTACT  
GGAAGATATACAAAGCCGCCAAGTTTCGATTCGGCCGAGACGGCGGGCGGTAGTGCCCTGCCCGCCAC  
CACGCAGGCAAAGGAAGCACCTCAGGAGTCTGAGACGGTATTCACGCGCGGTTGCAGAGCGACAGTGCC  
TTCCAGACAAGTGGAGACTCCTGGCGGGAGCAGAAGGAGAAGCGAGCCGCATGATGGTGGGGATCTTGA  
TCGGTGTGTTGTGCTGTGCTGGATCCCCTTCTCCTGACGGAGCTCGTCAGCCCGCTCTGCGCCTGCAG  
CCTGCCACCCATCTGAAAAGCATATTCTGTGGCTTGGCTATTCAAATTCGTTCTTCAATCCCTTAATC  
TACACGGCCTTAATAAGAATAACAATGCCTTCAAGAGCCTTTTACTAAGCAGAGATA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_024395



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<b>Insert Size:</b>	1113 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_024395.1</a></u> , <u><a href="#">NP_077371.1</a></u>
<b>RefSeq Size:</b>	2223 bp
<b>RefSeq ORF:</b>	1113 bp
<b>Locus ID:</b>	79247
<b>UniProt ID:</b>	<u><a href="#">P35365</a></u>
<b>Cytogenetics:</b>	13q11
<b>Gene Summary:</b>	G-protein coupled receptor for serotonin [RGD, Feb 2006]