

Product datasheet for **RN209204**

Htr3b (NM_022189) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htr3b (NM_022189) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Htr3b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209204 representing NM_022189 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTCTTCTGTGGTCCTGCCTCCTGGTGGCTGTCGTAGGTATTCTAGGCACAGCGACACCTCAGCCTG
GGAATTCCTCTCGCATCGCTCACCAGCAGCTGCTACAGCAGTACCACAAGGAGGTGAGACCAGTTTA
CAACTGGGCTGAGGCCACCACTGTCTACCTGGACCTTTGCGTCCATGCTGTATTGGATGTGGATGTACAG
AATCAAAAATTAAGACAAGCATGTGGTACCGAGAGGTTTGAATGATGAGTTTCTGTCCTGGAACCTCA
GTCTGTTTCGATGATATTCAAGAGATCTCTCCTCCTCAGTGCCATCTGGGCCCTGATATCATCATTAA
TGAGTTTGTGGATGTCGAAAGGTCTCCTGACCTGCCCTATGTATACGTGAACTCTCCGGAACGATTAGA
AACCACAAGCCCATCCAGGTGGTCTCCGCATGCAGTTTGCAGACATACGCTTTCCCTTTGATATCCAGA
ACTGCAGTCTCACCTTCAATAGCATCCTGCATACAGTGAAGACATAGACCTGGGCTTCTGAGGAACCA
AGAAGACATTGAGAACGACAAAAGGTCTTTTCTGAATGACAGCGAGTGGCAGCTTCTTTCTGTGACCTCC
ACTTACCACATCCGGCAGAGCAGCGCTGGTGCATTCGCACAGATTCGGTTAATGTAGTGATTTCGAGAT
GTCCATTGGCCTATGTTGTGAGCCTCTTGATTCTAGCATCTTCTGATGCTCGTGGACCTGGGAAGCTT
CTACTTGCCCCCAACTGTCGTGCCAGAATTGTGTTCAAGACCAATGTGCTGGTGGGCTATACAGTCTTC
AGGGTCAACATGTCTGATGAGGTGCCAAGAAGCGCAGGGTGCACATCTCTGATTGGGGTCTTCTTTACCG
TCTGCATGGCCCTCTTGGTTCTCAGTTTATCCAAATCCATCTTGTGATCAAATTCCTCTATGAGGAGCG
GCACAGTGAGCAAGAACGGCCTTATGTGCCTTCGAGGGGACTCTGATGCCAATGAGTCTAGATTGTAC
CTCAGAGCTCCATGTGCTGAGGACACAGAGTCCCCGGTTCGTGAGGAGCACCAGGTCCCATCAGATACTC
TGAAGGATTTCTGGTCCAGTCCAATCCATCAACAACCTCTCCGAACCTCGGGATCAGGTTTACCAGAA
GGAGGTGGAGTGGCTCGCCATCCTGTGCCACTTTGATCAGCTGCTTCCGAATCTACCTTGCCGTGCTG
GGCTCTATACTGTACACCTTATGCTCTCTGGCACTGTGGAGCAGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_022189
Insert Size:	1314 bp
OTI Disclaimer:	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).
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:	<u>NM_022189.1</u> , <u>NP_071525.1</u>
RefSeq Size:	1346 bp
RefSeq ORF:	1314 bp
Locus ID:	58963
UniProt ID:	<u>Q9JJ16</u>
Cytogenetics:	8q23
Gene Summary:	a serotonin-gated ion channel subunit with pronounced inward rectification of both the whole-cell and single-channel current amplitudes [RGD, Feb 2006]