

Product datasheet for **MC203254**

Htr3b (NM_020274) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htr3b (NM_020274) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Htr3b
Synonyms:	5-HT3B
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC046990
 CAAAATAGCAGCACCAAGGTTACACACATGAGCAAACAGGAGAAGAGGGTGGAGGGTCTGAGAGGTG
 CAAGGTCAAGCAGTGTCCCCGGCTCGCCAGCCTGCCTGCCACCAGCCTGCCTGCCACCAGCCGGCAG
 CCATCGCTCTTCTCTGGTACCTGCCCCAGAATAGGCAAGTGCATGATTCTTCTGTGGTCTGCCTCCTG
 GTGGCTGTAGTAGGTATCCTAGGTACAGCGACACCTCAGCCTGGGAATTTCTCTGCACCGTCTCACCA
 GGCAGCTCTTACAACAGTACCACAAGGAGGTGAGACCAGTTTACAACCTGGGCTGAGGCCACCACTGTCTA
 CCTGGACCTTTGGTCCATGCTGTATTGGATGTGGATGTGCAGAATCAAAAATTAAGACAAGCGTGTGG
 TACCGAGAGGTTTGAACGATGAGTTTTTGTCTGGAACCTAGTCTGTTTCGATGAGATTAAGAGATCT
 CTCTCCCTCTCAGTGCCTCTGGGCCCTGATATCATCATTAAATGAGTTTGTGGATGTTGAAAGATCTCC
 TGACCTGCCCTATGTATACGTGAACTCTTCTGGCACCATTAGAAAACCACAAGCCCATCCAGGTGGTCTCC
 GCATGCAGTTTGCAGACATATGCTTTCCCTTTGATATCCAGAAGTGCAGCCTCACCTTTAATAGCATT
 TGCACACAGTGAAGACATAGACCTGGGCTTCTGAGGAATAGAGAAGACATCGAGAATGACAAAAGGGC
 TTTTATGAATGACAGTGTGGCAGCTTCTTTCTGTGCTCTACTTACCACATCCGGCAGAGCAGCGCT
 GGAGACTTCGCACAGATTCGGTTCAACGTAGTATCCGAGATGCCATTGGCCTACGTTGTGAGCCTCT
 TGATACCTAGCATCTTCTGATGCTCGTGGACCTGGGAAGCTTCTACTTGCCCCCAACTGCCGTGCAAG
 AATTGTGTTCAAGACCAATGTGCTGGTGGGCTATACGGTCTTCAGGGTCAACATGTCTGTGAAGTGCCA
 AGAAGTGCAGGGTGCACACCTCTGATTGGGGTCTTCTTTACCGTCTGCATGGCCCTCTTGGTTCTCAGTT
 TATCCAAATCCATCTTGCTGATCAAATTCCTCTATGAGGAGCGGCACAGTGGGCAAGAAGCGGCTCTTAT
 GTGCCCTCAAGGCGACTCTGATGCCGAGGAGTCTAGATTGTACCTCGGGGCTCCACGTGCTGACGTGACA
 GAGTCCCCGGTCCATCAGGAGCATCGGGTCCCATCAGATACTCTGAAGGATTTCTGGTCCAGTTCCGGT
 CCATCAACAACCTCTTTCGAACTCGGGATCAGATTACCAGAAGGAGGTGGAGTGGCTGGCCATCCTGTA
 TCGCTTTGATCAGCTGCTCTTCCGAATCTACCTTGGCGTGGTGGGCTCTATACCGTACCTTATGCTCT
 CTCTGGCACTGTGGAGCAGAATGTGACAATGGAGACCGCTGGTCTCACTTGATATGGGTTACAACATG
 TAGGGAAAGCTGAACAGTCTTGGAGAGGGTCTGAAAAGAAGGGTGGTGGTGCCTCCAGGATGCTATTGT
 CTCTTTTCACTGACTACAGAGACAAGTATCTTATTGGCTATTGACCAAACAGTAAACCTACATGTTTCAT
 AATAAAGATGTCTAAACAGAATAGAGTATGCAAGTGAAGCAAGCTTTCACTCTCCCTGAACCAGCAGCA
 ACTGCGTACACTTAGGTTAAGGAAAAAAGTTTGGTTTTAGATTTTTGAAGCTGGGCTCTTATAGTC
 CAGGCTAACCTTGAACCCTGACATTCCAGCCTACCTTCCAATTGCTGAGGTTGCATGTATTGTGCCA
 CCATGTCCAGCTCCATTTGATATCTTCTGCTTCAACAGTCTATATGTTAGCTTGGCTTAAAGCCCTGCTCA
 AACCTGCTTAAATCCTCCAGGTTTCATCAATACATTATTGTCTCCTCAAAAAAAAAAAAAAAAAAAAAAA
 AA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_020274
- 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:

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: [BC046990](#), [AAH46990](#)

RefSeq Size: 2076 bp

RefSeq ORF: 1314 bp

Locus ID: 57014

UniProt ID: [Q9JHJ5](#)

Cytogenetics: 9 A5.3

Gene Summary: This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor is a ligand-gated ion channel, which when activated causes fast, depolarizing responses. It is a cation-specific, but otherwise relatively nonselective, ion channel.[UniProtKB/Swiss-Prot Function]