

Product datasheet for **SC203738**

HTR2B (NM_000867) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HTR2B (NM_000867) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HTR2B
Synonyms: 5-HT(2B); 5-HT-2B; 5-HT2B
ACCN: NM_000867
Insert Size: 317 bp
Insert Sequence: >SC203738 3'UTR clone of NM_000867
The sequence shown below is from the reference sequence of NM_000867. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAACCTGAAGAGCAAGTTAGTTATGTATAGCAGAAGTGGCAGTTGTCATCAAACATAATGATGAGTAAG
ATGATGAATGAGATGTAATGTGCCAAGAATATATTATATAAAGAATTTTATGTCATATATCAAATCAT
CTCTTTAACCTAAGATGTAAGTATTAAGAATATCTAATTTTCCTAATTTGGACAAGATTATCCATGAG
GAAATAATTTTATATAGCTACAAATGAAAACAATCCAGCACTCTGGTTAAATTTAAGGTATTCGAAT
GAAATAAAGTCAAATCAATAAATTTTCAGGCTTTAAAAAGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000867.5](#)



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Summary:

This gene encodes one of the several different receptors for 5-hydroxytryptamine (serotonin) that belongs to the G-protein coupled receptor 1 family. Serotonin is a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. Serotonin receptors mediate many of the central and peripheral physiologic functions of serotonin, including regulation of cardiovascular functions and impulsive behavior. Population and family-based analyses of a minor allele (glutamine-to-stop substitution, designated Q20*) which blocks expression of this protein, and knockout studies in mice, suggest a role for this gene in impulsivity. However, other factors, such as elevated testosterone levels, may also be involved. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2016]

Locus ID:

3357

MW:

12.8