

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
Symbol:	HTR2B
Synonyms:	5-HT(2B); 5-HT-2B; 5-HT2B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000867
Insert Size:	317 bp
Insert Sequence:	<p>>SC203738 3'UTR clone of NM_000867</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAACTGAAGAGCAAGTTAGTTATGTAAGCAGAACTGGCAGTTGTCATCAAACATAATGATGAGTAAG
ATGATGAATGAGATGTAAATGTGCCAAGAATATATTATATAAAGAATTTATGTCATATATCAAATCAT
CTCTTTAACCTAAGATGTAAGTATTAAGAATATCTAATTTTCCTAATTTGGACAAGATTATCCATGAG
GAAAATAATTTTATATAGCTACAAATGAAAACAATCCAGCACTCTGGTTAAATTTTAAGGTATTCGAAT
GAAATAAAGTCAAATCAATAAATTTTCAGGCTTTAAAAAGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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:	<u>NM_000867.5</u>


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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