

## Product datasheet for **SC214692**

### 5 HT 2A (HTR2A) (NM\_001165947) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	5 HT 2A (HTR2A) (NM_001165947) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HTR2A
Synonyms:	5-HT2A; HTR2
ACCN:	NM_001165947
Insert Size:	2000 bp



[View online »](#)

**Insert Sequence:** >SC214692 3'UTR clone of NM\_001165947  
 The sequence shown below is from the reference sequence of NM\_001165947. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGAGTGAATGAAAAGGTGAGCTGTGTGTGATAGGCTAGTTGCCGTGGCAACTGTGGAAGGCACACTGAG
CAAGTTTTTCACCTATCTGGAAAAAATATGAGATTGAAAAAATTAGACAAGTCTAGTGGAACCA
ACGATCATATCTGTATGCCTCATTTTATTCTGTCAATGAAAAGCGGGTTCAATGCTACAAAATGTGTG
CTTGAAAAATGTTCTGACAGCATTTCAGCTGTGAGCTTTCTGATACTTATTTATAACATTGTAAATGAT
ATGTCTTTAAATGATTCACCTTTATTGTATAATTATGAAGCCCTAAGTAAATCTAAATTAACCTCTAT
TTTCAAGTGAAACCTTGCTGCTATGCTGTTTCATTGATGACATGGGATTGAGTTGGTTACCTATTGCTG
TAAATAAAAATAGCTATAAATAGTAAAAATTTATTGAATATAATGGCCTCTAAAAATTATCTTTAAA
ACTTACTATGGTATATATTTTGAAGGAGAAAAAAGCCACTAAGGTCAGTGTATAAAATCTGTAT
TGCTAAGATAATTAATGAAACTTTGACAACATTTTTTCATTCCCTGCTTTTTCATAGATACCATTTTGA
AATATTCACAAGTTGCTGGCATTGCTGCATTCAAGTTAATTCTCAGAAGTAAAAAGACTTCAAAAT
GTTATTCAAATACTATTGCTGCTTTCTTCTACTTCTTGTGCTTTACTCTGAATTTCCAGTGTGGTCT
TGTTTAAATTTGTTCTCTAGGTAAACTAGCAAAAGGATGATTTAACATTACCAAATGCCTTTCTAGC
AATTGCTTCTCTAAAACAGCACTATCGAGGTATTTGGTAACTTGCTGTGAAATGACTGCATCATGCATG
CACTCTTTTGAGCAGTAAATGTATTTGATGTAAGTGTGTCAGGATTGAGGATGAACTCAGGTTCCCGG
CTACTGACAGTGGTAGAGTCTAGGACATCTCTGTAAAAAGCAGGTGACTTTCTATGACACTCATCAG
GTAAACTGATGCTTTGAGATCCATCGGTTTATACTATTTTATAAAACCATTCTGCTTGGTTCCACAATC
ATCTATTGAGTGTACATTTATGTGTGAAGCAAATTTCTAGATATGAGAAATATAAAAAATAATTAACA
AAATCCTTGCCCTCAAACGAAATGGCTCGGCCAGGCACGGAGGCTCGTGCATGTAATCCTAGCACTTTG
GGAGGCTGAGATGGGAGGATCACTTGAGGCCAAGAGTTTGAGACCAACCTGGGTAACAAAGTGAGACCT
CCCTGTCTCTACAAAAAATCAAAAAATATCTGATCCTTGTTGGCACACAACCTGGTCCCAGCTACA
GGGGAGGCTGAGACGCAAGGATCACTTGAGCCCAGAAGCTCAAGGCTGCAGTGAAGCAAGTTCACACCA
CTGCCATTTCTCTGGCAACAGAGTGAGACCCTATCACAAAAAAGAAAGAAAAAAGAAAAATGA
CTAAACTGAAATGGTCTTAGTCAAAAAATATACAGACTATTTTTAGAATCATTTCAACTTATTTCC
TTCTTACCTGGTTCAGAAACAAGTTTGTTCAACTGTGAGAGTAGTTTTAAAAAATAGTTTTCTGATT
GGTTACCAATAAACACCAACAAATAAAGGAGGGGAAAAATCACTTGAGGCTTAACATTGCAATTA
TTAGAAATACGCACCTCAATCTCAAGCCAGTTTATAACTACCATAGTTTTGAGCAAAATTTTTCTTCT
ATTTCTCAAAAACCTCACTCATTTCAGTATTACTCATTGACACTGGGCTCCCTAATAGAAAAAGCAGATA
TTATAATATTTCAATTGAAATGGTTACTAAAGAGAAAAAGAGATTAACAACAGTTAATCCACCTTGATAT
TATAACTCAAGGTTAAATTGCATGTTGTTATTAGAATCAATGTTATATATATGATTACAATGCTGA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_001165947.5](#)

**Summary:** This gene encodes one of the receptors for serotonin, a neurotransmitter with many roles. Mutations in this gene are associated with susceptibility to schizophrenia and obsessive-compulsive disorder, and are also associated with response to the antidepressant citalopram in patients with major depressive disorder (MDD). MDD patients who also have a mutation in intron 2 of this gene show a significantly reduced response to citalopram as this antidepressant downregulates expression of this gene. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

**Locus ID:** 3356

**MW:** 76.3