

## Product datasheet for **SC213532**

### 5HT5A receptor (HTR5A) (NM\_024012) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	5HT5A receptor (HTR5A) (NM_024012) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HTR5A
Synonyms:	5-HT5A
ACCN:	NM_024012
Insert Size:	2000 bp



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**Insert Sequence:** >SC213532 3'UTR clone of NM\_024012  
 The sequence shown below is from the reference sequence of NM\_024012. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCAAGAACTTCTTTCTAGGCAACACTGAGGGAGAGGACCAGGATTGAAAAAGTTTCTCCATAAT
TCAGTGGAAATCCAGTTCATCCATTTCCATCCCACCCAACAGCCATGTGGACGGGATGAATCTCA
CCATTCTCAGGGTCATCTTCAGAACTGCACTGGCCTCTTTCCACCTCCTCAGTAGGAATAGACTCC
TCATAGAGTTACGGTGACATGATGTATCTAATTATCTACTATCCCTTTCTGTGTGACAGTCATGG
TCTTTGCCCGCAAAGTGCCTTTCTCCCAAATTCACCTGGCATGGTATCGACATTGTCTTAAAGA
AGTCAAGGCAAATAAGAAGGAGGAGGTAACAATATGGGCAGGTTGAGATTGAATAGAAAAGAAATGAA
CAAGTCATGATGACCTCTGAGGGTAGGAGACCATAGTTCCAGGCTTTCTGGCACAGTCCCCATTTT
AAATATCTCTGTGGTCTAGTACATATATCCTAATACTGATGGGGTATGACCCAAGAGTTGACCACAA
AACACTGTCTCCAAATATATTAAGTATATAGTCTATCCATGAGAGCAGGGAATCTTAGCTTAAAGGT
TTGTTTGTGGCAACCACACACGAACATACACACACACACACAACTATGAAAGAGGCGAGGTGTTT
TAGCTAGCTAGTTTACTCCAAAATGCAATCCGTTGACATGAAACAGGCACTGAGGGTAACTACTTCTT
TCATTTTGAAGCAACAGTTTATAAACAGGAAAGTCTACTGGTTTCATAGAATCTGTCAGATTTGTTTAT
TTGCTACTGGTTTACGCGCGTGGACTATATCCAGTGTCTTAGTCAAAGACCTTTATCCTCAAATCA
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TCCTGCTAGGAGCCGAGGCTAGTAGGCAATGAAAAAGACAGAACAATGGTAAAATGCAGCCCCAGTCC
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TAAAACAGTGTATTACACAAAACCTTAAAAAAAATCCTAGGCAATAAACTGCCTGTGGTCTGCTAT
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AAAGAAATGTTAGACACCTGTGAAGTCAACAATTAATATGCTAAATGCAGATCTTTATGCATTCAAGCAG
ATTCATTGAGAAATTTAGTGATAAGAATTGAAGAATTTATTTAGAAACGTCCTTAGATTTTTTCATCTGT
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GTGTTTGAATAAGGGAAGGGAAGTGTGTTGAAAAACCTTATTAAGTACCCCATGGCAGAGAAGAAAATT
CAGACATGAGGAGTCTGGAGAGGTAACACTAGAATCAAGGGTAAACGCTTAAAGTCTATTCTACCTGAAA
ATCCATGTGAAAACCTTTAATCCATAAATCGTGAGTGTCTTACTGTTAAAAAAGTTCATACTCTTCAG
TAAAGCGAAGCTTGAGGAAGATGTGCCACATTTTCTGGTGGCTTCAAACACTCCCCAACTCTCCAAG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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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:** [NM\\_024012.4](#)

**Summary:** The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The gene described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca<sup>2+</sup> mobilization. [provided by RefSeq, Jul 2008]

**Locus ID:** 3361

**MW:** 76.8