

## Product datasheet for **SC216077**

### 5HT7 Receptor (HTR7) (NM\_000872) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	5HT7 Receptor (HTR7) (NM_000872) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HTR7
Synonyms:	5-HT7
ACCN:	NM_000872
Insert Size:	1693 bp



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**Insert Sequence:** >SC216077 3'UTR clone of NM\_000872  
 The sequence shown below is from the reference sequence of NM\_000872. 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
TACTGTAGAAAAAAGGTCATGATTCAATGAAAGCAGAACAATGGAGATGAAATAAACAAGGCAAA
ATAGAGGTGAAAAACAGAAGGAAGTCATTTGCTGAGTCTGCAGAATGGAATGCAGCTTCTGTCTTTCTT
GGGATGTCTAAAACATGACAAACAGGGTATCTGTTGTACACACTATCTTATGAGGGAGATGGTGACTT
CTCCTTTTTTCTGGATCAGTCTATTGTGTGTTCTCAGTTAAAGATAGCAGATCATCTCAGCAGTAA
GCACACCAACAGAACTGAGTTCAGAAAGGAAGCAGTTTCTGGTCTTTCATATGTCCAAATCCATGC
AAGTGGGAGAAAGTTCAGTGCACACTCCCATGCTTCTGAGTCTAGGCGTTGTGGTGAATATGCAGGA
ATCATTATGAGACAGAATGTATTTTGTGTATGACAGAAGGCTTTTCCAAGCAAATGCCGTGAGCGT
AGTGTGAATATGTTGCATGTCCATGTTAGAAAACAGAATCCAGTCATCAGCTAATACAAATGATTCC
CAGAGCAGTGTGTTTCAAGCTTCTGTCAAATAGTTTGGCTTTTCTGCAGGGTCTCTGTGATTTCCCC
ACCTATGTACTTTTCTGTGTTAACTCACTTATTATGGTATAACTCAGGAACAGGTCTCAGGATGGAGAG
AAGCATACAACATGAGCAAAGCTTTTTCTCGTCTCTGAAGGGTCTTGAGAGGGGAGTGGGATGCCTTC
TGTGAGGATTTTTATCGCAGTGAAGCTCAAGTGGTACCCAACGCGTTGTAATTAACATGATTATTGGC
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TATGTGGAAGAAGTGTGGGAATGATGGGTTTTCCATGAAATGTGATGCTTCTGGAGATGGGGCATAAAC
ATGTTCACTTCTGTTGAGCTGCATTGTGTTAAACAAATTGTGTGAAGCGAGGTCACCTGGACCCTCT
TGGGAAATGCTTCAGAACACCAGTCTGTTCCCTTAGAGAATTTGTTTTGTGTTCTATGTATCTTAAA
TCAAATGTGTGCCTAAGCAATTCTGTCCTCTGATTTCCACCCTACCCACCAAAAAATGGTAGACATGA
AAGGCAGGTGAGGAAACGAAAAGGTCTCTTTCAGATATATATTTTTTAAATGGCACTATGTAGTAAT
TAAGAGCTAAGGAGACAGAAAGACAGTAGATGAGAATAGAAGAGTACCTGTACCTACAAGGGGAAAAAT
GAATGCAATTCTTTATTTGATAAGAGTGAAGTGAAGAGAATATATTTTCTACAATAAAGCAAGCTG
TCCTCTCACAGGATAAAGTGAATCTGACATGGATTATGGACTTCTTAACTCCCATTGACATTGCT
TCTTACCAGACATGGGAAAAGCTACCTTTCTGAAAGGGGAGGAGGCACTGTCCTTTTCAGACAAAAGC
TTGTACAAATTCGAACCGCAAATTTGCTGAAGTGACCGTATATATTATATTCAATTTAAATGATT
ATTTATGGTCAGATACATATTGTTAACTTGAATGTTTTATTACATTACATCAATAAAGTTTTATT
GTAGCTGAAATAAAGCAACGTAAGTAACAATTTTTAA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_000872.5](#)

**Summary:** The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq, Jul 2008]

**Locus ID:** 3363

**MW:** 65.5