

Product datasheet for **SC310379**

HTR3C (NM_130770) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HTR3C (NM_130770) Human Untagged Clone
Tag:	Tag Free
Symbol:	HTR3C
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_130770 edited

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CCCAGAGAAGAGTCCAGAAAGAAGAATGGAAGGAGGGTGGCCTGCAAGGCAGAGTGCCCT
CCTCTGCCTCACTGTCAGTCTTCTGCTTCAAGGAAGAGGGCAGCCTTTTACCATCAATTG
CTCAGGCTTTGACCAGCATGGGGTTGACCCTGCTGCTTCCAAGCAGTGTGGACAGAAA
GGCCTTCCGTCCATTCACCAACTACAGCATCCCTACCCGTGTCAACATCTCCTTACCCT
GTCTGCCATCCTGGGAGTGGATGCACAGCTCCAGCTGCTGACATCATTCTGTGGATGGA
TTTGGTATGGGACAATCCTTTTATTAAATTGGAACCCAAAAGAGTGTGGTGGCATCAATAA
ACTCACAGTATTAGCTGAAAACCTGTGGCTCCCAGACATCTTCATCGTGGAAATCCATGGA
TGTGGATCAGACGCCCTCCGGTCTCACTGCCTATATCAGCAGTGAAGGTGGAATTAAGTA
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CCAACAGAACTGTACCTTCACTTCACTTCTTCTTCTTCTACACAGTGGACAGCATGCTGCT
GGGCATGGACAA:GGAGGTGTGGGAGATCACAGACACGTCTCGCAAAGTCATCCAAACCC
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TAAACCTGCTGGTGCCAGTAGCTTTCTGGTTGCCATTGATGCCCTCAGCTTCTACCTGC
CAGCAGAGAGCGAGAATCGTGCCCCATTCAAGATAACACTTCTGCTGGGCTACAACGCTCT
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TCCACTGCACCAGCCCAGGGAGATGCTGTCCCACTGCGCCCCAGAAGGGAATAAAGGGCC
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TCTTATGGCCTCCTCCATCCTTACTGTGCTTGTCTTCTGGAACACCTAGGCAGACATCC
CCCCTCTTGGCAAAACAAGCTTGGAGTTTCTGCTGGTCTTGGGCCAGCCGGACTCATT
TTCCCTAATCTTAGCCACTTATCCCCAGTGACTACCATGTCCCCTTCTAAATTCCAAAGAC
TCCAACGCAGCACTAGCAAGCAGGTTTCGGGACAGCCCTGGACGATTTCCCGACCGCTGCT
CAGGCTGCTCATTCTGCTCACCC

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Restriction Sites:	Please inquire
ACCN:	NM_130770
Insert Size:	1600 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_130770.2.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_130770.2</u> , <u>NP_570126.2</u>
RefSeq Size:	1745 bp
RefSeq ORF:	1344 bp
Locus ID:	170572
UniProt ID:	<u>Q8WXA8</u>
Cytogenetics:	3q27.1
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Gene Summary:	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit C of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. Genes encoding subunits C, D and E form a cluster on chromosome 3. [provided by RefSeq, Jul 2008]