

Product datasheet for **SC307451**

5HT3E (HTR3E) (NM_182589) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 5HT3E (HTR3E) (NM_182589) Human Untagged Clone
Tag: Tag Free
Symbol: 5HT3E
Synonyms: 5-HT3-E; 5-HT3c1; 5-HT3E
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_182589 edited
 ATGTTAGCTTTTCATTTTATCACGGGCGACCCCACGCCCTGCCTTGGGGCCCTCTCATAT
 AGGGAGCACAGGGTTGCTCTCCTTCATCTCACACATTTCGATGTCCACTACAGGAAGGGG
 GTTACTTTACCATCAATTGCTCAGGGTTTGGCCAGCACGGGGCGGATCCCACTACTCTG
 AATTCAGTGTAAATAGAAAGCCCTTCCGTCCGGTCACCAACATCAGCGTCCCCACCCAA
 GTCAACATCTCCTTCGCGATGTCTGCCATCCTAGATGTGAATGAACAGCTGCACCTTTG
 TCATCATTCTGTGGCTGGAAATGGTTTGGGATAACCCATTTATCAGCTGGAACCCAGAG
 GAATGTGAGGGCATCACGAAGATGAGTATGGCAGCCAAGAACCTGTGGCTCCAGACATT
 TTCATCATTGAACTCATGGATGTGGATAAGACCCAAAAGGCCTCACAGCATATGTAAGT
 AATGAAGTTCGCATCAGGTATAAGAAACCCATGAAGGTGGACAGTATCTGTAACCTGGAC
 ATCTTCTACTTCCCCTTCGACCAGCAGAACTGCACACTCACCTTCAGCTCATTCTCTAC
 ACAGTGGACAGCATGTTGCTGGACATGGAGAAAGAAGTGTGGGAAATAACAGACGCATCC
 CGGAACATCCTTCAGACCCATGGAGAATGGGAGCTCCTGGGCCTCAGCAAGGCCACCGCA
 AAGTTGTCCAGGGGAGGCAACCTGTATGATCAGATCGTGTCTATGTGGCCATCAGGCGC
 AGGCCACGCTCTATGTCATAAACCTTCTCGTGCCAGTGGCTTCTGGTTGCCATCGAT
 GCCCTCAGCTTCTACCTGCCAGTGAAAAGTGGGAATCGTGTCCCATTCAAGATAACGCTC
 CTGCTGGGCTACAACGTCTTCTGCTCATGATGAGTGACTTGCTCCCCACCAGTGGCACC
 CCCCTCATCGGTGTCTACTTCGCCCTGTGCCTGTCCCTGATGGTGGGCAGCCTGCTGGAG
 ACCATCTTCATCACCCACCTGCTGCACGTGGCCACCACCAGCCCCACCCTGCCTCGG
 TGGCTCCACTCCCTGCTGCTCCACTGCAACAGCCCGGGGAGATGCTGTCCACTGCGCCC
 CAGAAGGAAAATAAGGGCCCGGTCTCACCCCCACCCACCTGCCCGTGTGAAGGAGCCA
 GAGGTATCAGCAGGGCAGATGCCGGCCCTGCGGAGGCAGAGCTGACAGGGGGCTCAGAA
 TGGACAAGGGCCAGCGGGAACACGAGGCCAGAAAGCAGCACTCAGTGGAGCTGTGGTTG
 CAGTTCAGCCACGCGATGGACGCCATGCTCTCCGCTCTACCTGCTCTTCATGGCTCC
 TCTATCATCACCGTCATATGCCTCTGGAACACCTAG

Restriction Sites: Please inquire



[View online >](#)

ACCN:	NM_182589
Insert Size:	1700 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 contain one SNP compared to NM_182589.2.
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_182589.2</u> , <u>NP_872395.2</u>
RefSeq Size:	1927 bp
RefSeq ORF:	1416 bp
Locus ID:	285242
UniProt ID:	<u>A5X5Y0</u>
Cytogenetics:	3q27.1
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Gene Summary:	This locus encodes a 5-hydroxytryptamine (serotonin) receptor subunit. The encoded protein, subunit E, may play a role in neurotransmission in myenteric neurons. Genes encoding subunits C, D and E form a cluster on chromosome 3. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Feb 2012] Transcript Variant: This variant (1) encodes isoform a.