

Product datasheet for **RC232778**

5HT3E (HTR3E) (NM_198314) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	5HT3E (HTR3E) (NM_198314) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HTR3E
Synonyms:	5-HT3-E; 5-HT3c1; 5-HT3E
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC232778 representing NM_198314
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTAGCTTTTCATTTTATCACGGGCGACCCACGCCCTGCCTTGGGGCCCTCTCATATAGGGAGCACA
 GGGTTGCTCTCCTTCATCTCACACATTCGATGTCCACTACAGGAAGGGGGTTACTTTACCATCAATTG
 CTCAGGGTTTGGCCAGCACGGGGCGGATCCCACTGCTCTGAATTCAGTGTTAATAGAAAGCCCTCCGT
 CCGGTCACCAACATCAGCGTCCCCACCCAAGTCAACATCTCCTTCGCGATGTCTGCCATCTAGATGTGG
 TTTGGGATAACCCATTTATCAGCTGGAACCCAGAGGAATGTGAGGGCATCACGAAGATGAGTATGGCAGC
 CAAGAACCTGTGGCTCCCAGACATTTTCATCATTGAACCTCATGGATGTGGATAAGACCCAAAAGGCCTC
 ACAGCATATGTAAGTAATGAAGTGCATCAGGTATAAGAAACCCATGAAGGTGGACAGTATCTGTAACC
 TGGACATCTTCTACTTCCCCTTCGACCAGCAGAACTGCACACTCACCTTCAGCTCATTCTCTACACAGT
 GGACAGCATGTTGCTGGACATGGAGAAAGAAGTGTGGAAATAACAGACGCATCCCGGAACATCCTTCAG
 ACCCATGGAGAATGGGAGCTCCTGGGCCTCAGCAAGGCCACCGCAAAGTTGTCCAGGGGAGGCAACCTGT
 ATGATCAGATCGTGTCTATGTGGCCATCAGGCGCAGGCCAGTCTCTATGTCATAAACCTTCTCGTGCC
 CAGTGGCTTTCTGGTTGCCATCGATGCCCTCAGCTTCTACCTGCCAGTAAAAAGTGGGAATCGTGTCCCA
 TTCAAGATAACGCTCCTGCTGGGCTACAACGTCTTCTGCTCATGATGAGTGACTTGCTCCCCACCATG
 GCACCCCTCATCGGTGTCTACTTCGCCCTGTGCCTGTCCCTGATGGTGGGCAGCCTGCTGGAGACCAT
 CTTTCATCACCCACCTGCTGCACGTGGCCACCACCCAGCCCCACCCCTGCCTCGGTGGCTCCACTCCCTG
 CTGCTCCACTGCAACAGCCCGGGGAGATGCTGTCCACTGCGCCCCAGAAGGAAAATAAGGGCCCCGGTC
 TCACCCACCCACCTGCCCGGTGTGAAGGAGCCAGAGGTATCAGCAGGGCAGATGCCGGCCCTGCGGA
 GGCAGAGCTGACAGGGGGCTCAGAATGGACAAGGGCCAGCGGGAACACGAGGCCAGAAGCAGCACTCA
 GTGGAGCTGTGGTTGCAGTTCAGCCACGCGATGGACGCCATGCTCTTCCGCTCTACCTGCTTTCATGG
 CCTCCTCTATCATCACCGTCATATGCCTCTGGAACACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC232778 representing NM_198314
 Red=Cloning site Green=Tags(s)

MLAFILSRATPRPALGPLSYREHRVALLHLTHSMSTTGRGVFTTINCSGFGQHGADPTALNSVFNRKPF
 PVTNISVPTQVNI SFAMSAILDVVDNPFISWNPEECEGITKMSMAAKNLWLPDIFIIELMDVDKTPKGL
 TAYVSNRIRYKPKMKVDSICNLDFYFPDQQNCTLTFSSFLYTVDSMLLDMEKEVWEITDASRNILQ
 THGEWELLGLSKATAKLSRGGNLYDQIVFYVAIRRRPSLYVINLLVPSGFLVAIDALSFYLPVKSGNRVP
 FKITLLLGYNVFLMMSDLLPTSGTPLIGVYFALCLSLMVGSLLETIFITHLLHVATTQPPPLPRWLHSL
 LLHCNSPGRCCPTAPQKENKGPGLTPHLPGVKEPEVSAGQMPGPAEAEELTGGSEWTRAQREHEAQKQHS
 VELWLQFSHAMDAMLFRLYLLFMASIIITVICLWNT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_198314.2, NP_938056.1</u>
RefSeq Size:	1882 bp
RefSeq ORF:	1371 bp
Locus ID:	285242
UniProt ID:	<u>A5X5Y0</u>
Cytogenetics:	3q27.1
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
MW:	51.4 kDa
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]