

### Specifications:

Gene:	<i>h5</i> -HT3E
Accession:	NP_872395
Insert size:	1429bp
Concentration:	10µg at 0.2µg/µL

### Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

### Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

## *h5*-HT3E cDNA

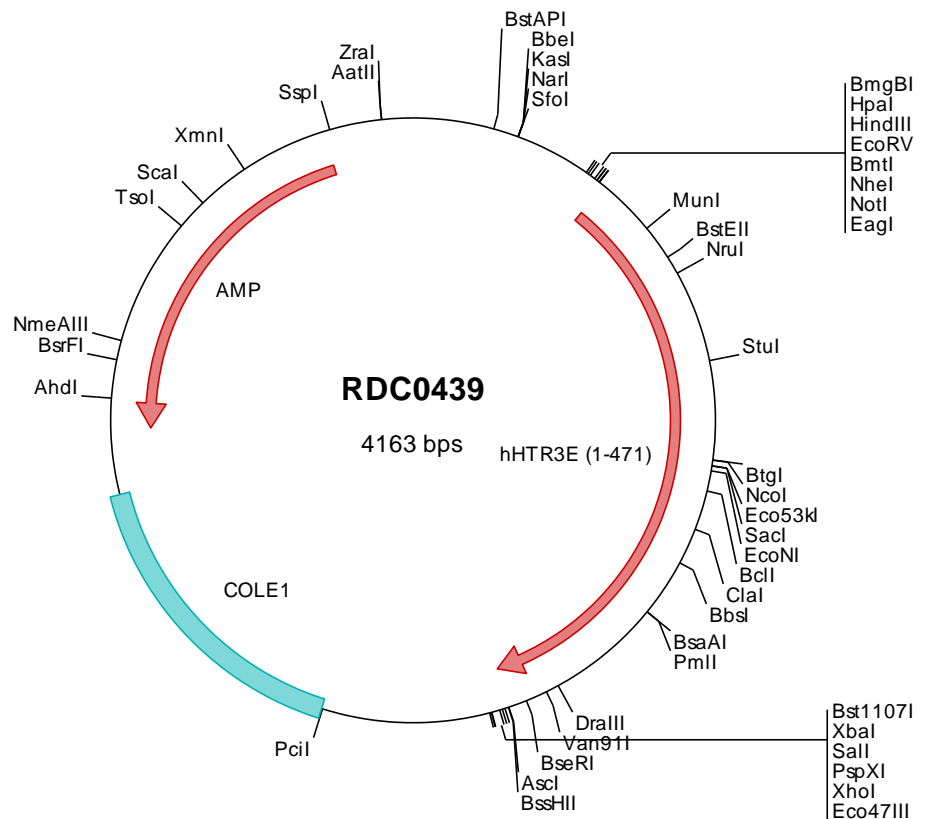
### Plasmid

**HTR3E 5-hydroxytryptamine (serotonin) receptor 3E, ionotropic [ *Homo sapiens* ]**

**Also known as:** 5-HT3E; 5-HT3-E; 5-HT3c1

#### Summary:

5-HT3E is a 5-hydroxytryptamine (serotonin) receptor subunit that may play a role in neurotransmission in myenteric neurons. It is subunit E of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. Alternatively spliced transcript variants encoding distinct isoforms have been described.





> RDC0439 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
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501 cctctcaat agggagcaca gggttgctct ccttcatttc acacattcga tgtccactac aggaaggggc gttactttca ccatcaattg ctcagggttt
601 ggccagcagc gggcggatcc cactgctctg aattcagtg ttaatagaaa gcccttcctg ccggtcacc aatcagcgt ccccaacca gtaacatct
701 ccttcgcat gtctgcctc ctatagtgga atgaacagct gcaactctt tcactctcc tgggtctgga aatggtttg gataacccat ttatcagctg
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4001 ggttattgtc ctaatgctg atacatatt gaatgtatt agaaaaataa acaaatagg gttccggca cattccccg aaaagtcca cctgacgtct
4101 aagaacctat tattatcatg acattaacct ataaaaatag gcgctatcag agggcctttc gtc

> RDC0439 Translated Insert Sequence

1 mlafilslrat prpalgplsy rehrvallhl thsmsttgrg vftfincsgf gqhgadptal nsvfnrkpfr pvtnisvptq vnifamsai ldvneqlhll
101 ssflwlemvw dnpfswpne ecegitkmsm aaknlwlpdi fielmdvdk tpgkltayvs negrirykpk mkvdsicnld ifyfpfdqgn cttlfssfly
201 tvdsmlldme kevweitdas rnilqthgew ellglskata klsrgnlyd qivfyvairr rpslyvinll vpsgflvaid alsfylvks gnrvpfkitl
301 llgynvflm msdllpsts pligvyfalc lslmvgslle tifithllhv attqpplpr whslllhn spgrcctap qkenkpglt pthlpvgkep
401 evsagqmpgp aeaeltgsw wtraqreha qkqhsvelwl qfishamdml frlyllfmas siitviclwn t