

## Product datasheet for RC214223L4V

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## 5HT3E (HTR3E) (NM\_182589) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** 5HT3E (HTR3E) (NM\_182589) Human Tagged ORF Clone Lentiviral Particle

Symbol: 5HT3E

**Synonyms:** 5-HT3-E; 5-HT3c1; 5-HT3E

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_182589 **ORF Size:** 1413 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC214223).

Sequence:

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeg:** NM 182589.2, NP 872395.2

 RefSeq Size:
 1927 bp

 RefSeq ORF:
 1416 bp

 Locus ID:
 285242

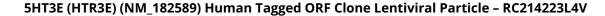
 UniProt ID:
 A5X5Y0

 Cytogenetics:
 3q27.1

**Protein Families:** Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

**MW:** 52.8 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]