

## Product datasheet for **RC218409L4V**

### 5HT4 Receptor (HTR4) (NM\_199453) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | 5HT4 Receptor (HTR4) (NM_199453) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | 5HT4 Receptor  |
| Synonyms:                 | 5-HT4; 5-HT4R  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_199453  |
| ORF Size:                 | 1134 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC218409).   |
| 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. <a href="#">More info</a> |
| OTI Annotation:           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.   |
| RefSeq:                   | <a href="#">NM_199453.2</a>  |
| RefSeq Size:              | 1557 bp  |
| RefSeq ORF:               | 1137 bp  |
| Locus ID:                 | 3360   |
| UniProt ID:               | <a href="#">Q13639</a>   |
| Cytogenetics:             | 5q32   |
| Protein Families:         | Druggable Genome, GPCR, Transmembrane  |
| Protein Pathways:         | Calcium signaling pathway, Neuroactive ligand-receptor interaction   |



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**MW:** 42.6 kDa

**Gene Summary:** This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described. [provided by RefSeq, May 2010]