

## Product datasheet for **RC211300L4V**

### 5HT5A receptor (HTR5A) (NM\_024012) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	5HT5A receptor (HTR5A) (NM_024012) Human Tagged ORF Clone Lentiviral Particle
Symbol:	5HT5A receptor
Synonyms:	5-HT5A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024012
ORF Size:	1071 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211300).
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_024012.2</a>
RefSeq Size:	4572 bp
RefSeq ORF:	1074 bp
Locus ID:	3361
UniProt ID:	<a href="#">P47898</a>
Cytogenetics:	7q36.2
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**Protein Pathways:** Calcium signaling pathway, Neuroactive ligand-receptor interaction

**MW:** 40.3 kDa

**Gene Summary:** The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The gene described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca<sup>2+</sup> mobilization. [provided by RefSeq, Jul 2008]