

Product datasheet for RC220624L3V

OriGene Technologies, Inc.

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5 HT1F (HTR1F) (NM_000866) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: 5 HT1F (HTR1F) (NM_000866) Human Tagged ORF Clone Lentiviral Particle

Symbol: 5 HT1F

Synonyms: 5-HT-1F; 5-HT1F; 5HT6; HTR1EL; MR77

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

 Tag:
 Myc-DDK

 ACCN:
 NM_000866

 ORF Size:
 1098 bp

ORF Nucleotide

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Sequence:
OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC220624).

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 000866.3

 RefSeq Size:
 3178 bp

 RefSeq ORF:
 1101 bp

 Locus ID:
 3355

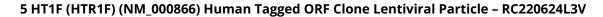
 UniProt ID:
 P30939

Cytogenetics: 3p11.2-p11.1

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction





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MW: 41.7 kDa

Gene Summary: G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor

for various alkaloids and psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits

adenylate cyclase activity.[UniProtKB/Swiss-Prot Function]