Product datasheet for RC220624L3V

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 Sequence:	The ORF insert of this clone is exactly the same as(RC220624).
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.
RefSeq:	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]