

## Product datasheet for RC200997L3V

## OriGene Technologies, Inc.

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## MCHR (MCHR1) (NM\_005297) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** MCHR (MCHR1) (NM\_005297) Human Tagged ORF Clone Lentiviral Particle

Symbol: MCHR

**Synonyms:** GPR24; MCH-1R; MCH1R; SLC-1; SLC1

**Mammalian Cell** 

Selection:

Puromycin

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

Tag: Myc-DDK
ACCN: NM 005297

ORF Size: 1266 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC200997).

Sequence:

Cytogenetics:

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 005297.3, NP 005288.2

 RefSeq Size:
 2423 bp

 RefSeq ORF:
 1062 bp

 Locus ID:
 2847

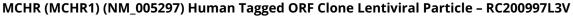
 UniProt ID:
 Q99705

**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Neuroactive ligand-receptor interaction

22q13.2





ORIGENE

**MW:** 46 kDa

**Gene Summary:** The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an

integral plasma membrane protein which binds melanin-concentrating hormone. The encoded protein can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, this protein does not seem to bind somatostatin. [provided

by RefSeq, Jul 2008]