

Product datasheet for RC200997L1

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

MCHR (MCHR1) (NM_005297) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MCHR (MCHR1) (NM_005297) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: MCHR

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

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

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

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_005297

ORF Size: 1266 bp





MCHR (MCHR1) (NM_005297) Human Tagged Lenti ORF Clone - RC200997L1

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 005297.3, NP 005288.2</u>

RefSeq Size: 2423 bp RefSeq ORF: 1062 bp Locus ID: 2847

 UniProt ID:
 Q99705

 Cytogenetics:
 22q13.2

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 46 kDa

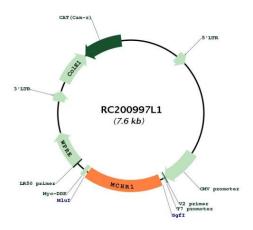
Gene Summary: The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an

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

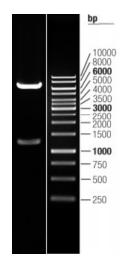
by RefSeq, Jul 2008]



Product images:



Circular map for RC200997L1



Double digestion of RC200997L1 using Sgfl and Mlul $\,$