

## Product datasheet for **RC211026L4V**

### MC4 Receptor (MC4R) (NM\_005912) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MC4 Receptor (MC4R) (NM_005912) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MC4 Receptor
Synonyms:	BMIQ20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005912
ORF Size:	996 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211026).
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_005912.1</a>
RefSeq Size:	999 bp
RefSeq ORF:	999 bp
Locus ID:	4160
UniProt ID:	<a href="#">P32245</a>
Cytogenetics:	18q21.32
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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**MW:** 36.8 kDa

**Gene Summary:** The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotrophic and MSH hormones and is mediated by G proteins. This is an intronless gene. Defects in this gene are a cause of autosomal dominant obesity. [provided by RefSeq, Jan 2010]