

Product datasheet for **MR222347L4V**

Hcrtr1 (NM_198959) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hcrtr1 (NM_198959) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hcrtr1
Synonyms:	ox-1-R; ox1-R; Ox1r
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198959
ORF Size:	1248 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222347).
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_198959.2 , NP_945197.2
RefSeq Size:	2202 bp
RefSeq ORF:	1251 bp
Locus ID:	230777
UniProt ID:	P58307
Cytogenetics:	4 D2.2
Gene Summary:	Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide. Triggers an increase in cytoplasmic Ca(2+) levels in response to orexin-A binding.[UniProtKB/Swiss-Prot Function]



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