

Product datasheet for **MR226103L4V**

Gnrh1 (NM_008145) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gnrh1 (NM_008145) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gnrh1
Synonyms:	Gnrh; Gnrh2; hpg; L; LH; LHRH; Lhrh1; Lnrh
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008145
ORF Size:	270 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226103).
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_008145.2 , NP_032171.1
RefSeq Size:	532 bp
RefSeq ORF:	273 bp
Locus ID:	14714
UniProt ID:	P13562
Cytogenetics:	14 D1



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Gene Summary:

This gene encodes hypophysiotropic peptides belonging to the family of gonadotropin-releasing hormones that stimulate the release of gonadotropins and suppress secretion of prolactin from the pituitary gland. The encoded protein is proteolytically processed to generate two biologically active mature peptides. A deletional mutation encompassing the distal half of this gene in mice resulting in the loss of the encoded protein leads to hypogonadism and infertility. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]