

## Product datasheet for **MR212134L4V**

### Ghrl (NM\_021488) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ghrl (NM_021488) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ghrl
Synonyms:	2210006E23Rik; Gh; Ghr; m46; MT; MTLRP; MTLRPAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021488
ORF Size:	351 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212134).
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_021488.4</a>
RefSeq Size:	527 bp
RefSeq ORF:	354 bp
Locus ID:	58991
UniProt ID:	<a href="#">Q9EQX0</a>
Cytogenetics:	6 52.84 cM



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**Gene Summary:**

This gene encodes a preproprotein that undergoes proteolytic processing to yield two bioactive peptides, ghrelin and obestatin. The hormone ghrelin plays a role in enhancing appetite and has numerous other biological functions that include stimulating the secretion of growth hormone (somatotropin) from the anterior pituitary gland. Obestatin is thought to be a hormone that functions in decreasing appetite. Mice lacking the encoded protein develop normally and exhibit no gross anatomical abnormalities. This gene encodes distinct isoforms, some or all of which may undergo similar proteolytic processing. [provided by RefSeq, Jul 2016]