

Product datasheet for **MR226309L4V**

Gip (NM_008119) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gip (NM_008119) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gip
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008119
ORF Size:	435 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226309).
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_008119.2 , NP_032145.2
RefSeq Size:	649 bp
RefSeq ORF:	435 bp
Locus ID:	14607
UniProt ID:	P48756
Cytogenetics:	11 D



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Gene Summary:

This gene encodes an incretin hormone that belongs to the glucagon superfamily. The encoded preproprotein undergoes proteolytic processing to generate mature peptides that function as potent stimulators of insulin secretion and inhibit gastric acid secretion. Transgenic mice overexpressing the encoded protein exhibit a significant increase in the expression of markers of bone formation, a decrease in the expression of markers of bone resorption and, an increase in the bone mass. [provided by RefSeq, Nov 2015]