

Product datasheet for **MR200755L3V**

Leprot (NM_175036) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Leprot
Synonyms:	LEPR; OB-RGRP; Obrgrp; VPS55
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_175036
ORF Size:	393 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR200755).

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_175036.2
RefSeq Size:	1827 bp
RefSeq ORF:	396 bp
Locus ID:	230514
UniProt ID:	O89013
Cytogenetics:	4 C6



Gene Summary:

Negatively regulates leptin receptor (LEPR) cell surface expression, and thus decreases response to leptin. Negatively regulates growth hormone (GH) receptor cell surface expression in liver. May play a role in liver resistance to GH during periods of reduced nutrient availability. [UniProtKB/Swiss-Prot Function]