

## Product datasheet for **RC230913L4V**

### LEPROT (NM\_001198683) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LEPROT (NM_001198683) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LEPROT
Synonyms:	LEPR; OB-RGRP; OBRGRP; VPS55
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001198683
ORF Size:	111 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230913).
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_001198683.1</a>
RefSeq ORF:	114 bp
Locus ID:	54741
UniProt ID:	<a href="#">O15243</a>
Cytogenetics:	1p31.3
Protein Families:	Druggable Genome, Transmembrane
MW:	4.1 kDa



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**Gene Summary:**

LEPROT is associated with the Golgi complex and endosomes and has a role in cell surface expression of growth hormone receptor (GHR; MIM 600946) and leptin receptor (OBR, or LEPR; MIM 601007), thereby altering receptor-mediated cell signaling (Couturier et al., 2007 [PubMed 18042720]; Touvier et al., 2009 [PubMed 19907080]).[supplied by OMIM, Jul 2010]