

## Product datasheet for **MR202733L4V**

### **Gpihbp1 (NM\_026730) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Gpihbp1 (NM_026730) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpihbp1
Synonyms:	1110002J19Rik; GPI-HBP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026730
ORF Size:	684 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202733).
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_026730.1</a>
RefSeq Size:	826 bp
RefSeq ORF:	687 bp
Locus ID:	68453
UniProt ID:	<a href="#">Q9D1N2</a>
Cytogenetics:	15 D3



[View online »](#)

**Gene Summary:**

Mediates the transport of lipoprotein lipase LPL from the basolateral to the apical surface of endothelial cells in capillaries (PubMed:20620994). Anchors LPL on the surface of endothelial cells in the lumen of blood capillaries (PubMed:20620994, PubMed:24726386, PubMed:27811232). Thereby, plays an important role in lipolytic processing of chylomicrons by LPL, triglyceride metabolism and lipid homeostasis (PubMed:17403372). Binds chylomicrons and phospholipid particles that contain APOA5 (PubMed:18340083). Binds high-density lipoprotein (HDL) and plays a role in the uptake of lipids from HDL (PubMed:12496272).[UniProtKB/Swiss-Prot Function]