

## Product datasheet for **MR227683L4V**

### Gpbar1 (NM\_174985) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gpbar1 (NM_174985) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpbar1
Synonyms:	BG37; GPCR; GPR131; M-BAR; TGR5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_174985
ORF Size:	987 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227683).
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_174985.1</a> , <a href="#">NP_778150.1</a>
RefSeq Size:	990 bp
RefSeq ORF:	990 bp
Locus ID:	227289
UniProt ID:	<a href="#">Q80SS6</a>
Cytogenetics:	1 38.53 cM



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**Gene Summary:**

Receptor for bile acid. Bile acid-binding induces its internalization, activation of extracellular signal-regulated kinase and intracellular cAMP production. May be involved in the suppression of macrophage functions by bile acids (By similarity). Involved in bile acid promoted GLP1R secretion.[UniProtKB/Swiss-Prot Function]