

## Product datasheet for **MR227360L4V**

### Gp6 (NM\_001163014) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gp6 (NM_001163014) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gp6
Synonyms:	9830166G18Rik; Gm469; Gpvi
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001163014
ORF Size:	942 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227360).
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_001163014.1</a> , <a href="#">NP_001156486.1</a>
RefSeq Size:	1152 bp
RefSeq ORF:	942 bp
Locus ID:	243816
UniProt ID:	<a href="#">P0C191</a>
Cytogenetics:	7 A1



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**Gene Summary:**

Collagen receptor involved in collagen-induced platelet adhesion and activation (PubMed:16139873, PubMed:24368846). Plays a key role in platelet procoagulant activity and subsequent thrombin and fibrin formation. This procoagulant function may contribute to arterial and venous thrombus formation. The signaling pathway involves the FcR gamma-chain, the Src kinases (likely FYN or LYN) and SYK, the adapter protein LAT and leads to the activation of PLCG2.[UniProtKB/Swiss-Prot Function]