

Product datasheet for **MR222384L4V**

G6b (Mpig6b) (NM_001033221) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	G6b (Mpig6b) (NM_001033221) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mpig6b
Synonyms:	AU023871; C6orf25; G6b; Ng31
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033221
ORF Size:	591 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222384).
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_001033221.3 , NP_001028393.1
RefSeq Size:	2252 bp
RefSeq ORF:	594 bp
Locus ID:	106722
Cytogenetics:	17 B1



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Gene Summary:

Inhibitory receptor that acts as a critical regulator of hematopoietic lineage differentiation, megakaryocyte function and platelet production (PubMed:23112346). Inhibits platelet aggregation and activation by agonists such as ADP and collagen-related peptide (By similarity). This regulation of megakaryocyte function as well as platelet production and activation is done through the inhibition (via the 2 ITIM motifs) of the receptors CLEC1B and GP6:FcRgamma signaling (PubMed:23112346). Appears to operate in a calcium-independent manner (By similarity).[UniProtKB/Swiss-Prot Function]