

Product datasheet for **RC223897L4V**

Glycoprotein VI (GP6) (NM_016363) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Glycoprotein VI (GP6) (NM_016363) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Glycoprotein VI
Synonyms:	BDPLT11; GPIV; GPVI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016363
ORF Size:	1017 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223897).
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_016363.3
RefSeq Size:	2263 bp
RefSeq ORF:	1020 bp
Locus ID:	51206
UniProt ID:	Q9HCN6
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ECM-receptor interaction



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MW: 36.7 kDa

Gene Summary: This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in this gene are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]