

## Product datasheet for **RC221606L4V**

### CD61 (ITGB3) (NM\_000212) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CD61 (ITGB3) (NM_000212) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD61
Synonyms:	BDPLT2; BDPLT16; BDPLT24; CD61; GP3A; GPIIIa; GT; GT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000212
ORF Size:	2364 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221606).
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_000212.2</a>
RefSeq Size:	4894 bp
RefSeq ORF:	2367 bp
Locus ID:	3690
UniProt ID:	<a href="#">P05106</a>
Cytogenetics:	17q21.32
Domains:	INB, EGF
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



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**Protein Pathways:** Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hematopoietic cell lineage, Hypertrophic cardiomyopathy (HCM), Regulation of actin cytoskeleton

**MW:** 87.1 kDa

**Gene Summary:** The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. [provided by RefSeq, Jul 2008]