

Product datasheet for **RC200731L4V**

Integrin beta 5 (ITGB5) (NM_002213) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Integrin beta 5 (ITGB5) (NM_002213) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Integrin beta 5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002213
ORF Size:	2397 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200731).
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_002213.3 , NP_002204.2
RefSeq Size:	3392 bp
RefSeq ORF:	2400 bp
Locus ID:	3693
UniProt ID:	P18084
Cytogenetics:	3q21.2
Domains:	VWA, INB, PSI, EGF
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways:	Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Regulation of actin cytoskeleton
MW:	88.1 kDa
Gene Summary:	This gene encodes a beta subunit of integrin, which can combine with different alpha chains to form a variety of integrin heterodimers. Integrins are integral cell-surface receptors that participate in cell adhesion as well as cell-surface mediated signaling. The alpha5 beta5 integrin is involved in adhesion to vitronectin. [provided by RefSeq, Aug 2017]