

Product datasheet for **RC217387L4V**

ITGB6 (NM_000888) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ITGB6 (NM_000888) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ITGB6
Synonyms:	A11H
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000888
ORF Size:	2364 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217387).
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_000888.3
RefSeq Size:	2397 bp
RefSeq ORF:	2367 bp
Locus ID:	3694
UniProt ID:	P18564
Cytogenetics:	2q24.2
Domains:	INB, PSI
Protein Families:	Druggable Genome, Transmembrane



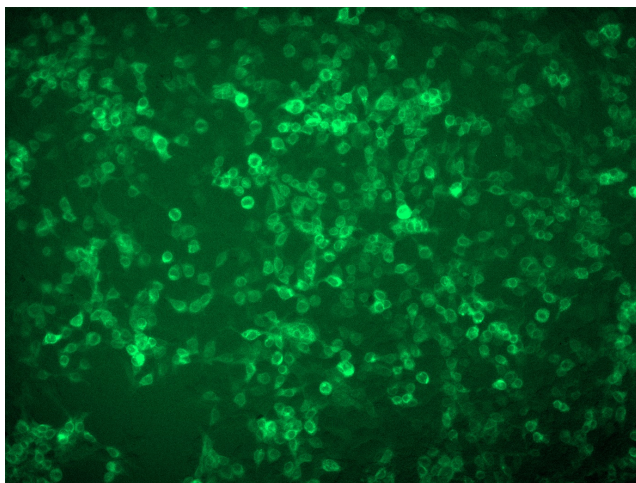
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Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Regulation of actin cytoskeleton

MW: 85.8 kDa

Gene Summary: This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms a dimer with an alpha v chain and this heterodimer can bind to ligands like fibronectin and transforming growth factor beta 1. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Product images:



[RC217387L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC217387L4V particle to overexpress human ITGB6-mGFP fusion protein.