

## Product datasheet for **RC217387L2V**

### 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: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| 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. <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_000888.3</a>  |
| RefSeq Size:              | 2397 bp  |
| RefSeq ORF:               | 2367 bp  |
| Locus ID:                 | 3694   |
| UniProt ID:               | <a href="#">P18564</a>   |
| Cytogenetics:             | 2q24.2   |
| Domains:                  | INB, PSI   |
| Protein Families:         | Druggable Genome, Transmembrane  |



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|                          |   |
|--------------------------|---|
| <b>Protein Pathways:</b> | Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Regulation of actin cytoskeleton   |
| <b>MW:</b>               | 85.8 kDa  |
| <b>Gene Summary:</b>     | 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] |