

## Product datasheet for **MR211547L4V**

### **Itga5 (NM\_010577) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Itga5 (NM_010577) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itga5
Synonyms:	Cd49e; F; Fnra; VLA5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010577
ORF Size:	3159 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211547).
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_010577.3</a> , <a href="#">NP_034707.5</a>
RefSeq Size:	4397 bp
RefSeq ORF:	3162 bp
Locus ID:	16402
UniProt ID:	<a href="#">P11688</a>
Cytogenetics:	15 58.9 cM



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**Gene Summary:**

The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes the integrin alpha 5 chain, which is proteolytically processed to generate light and heavy chains that join with beta 1 to form a fibronectin receptor. In addition to adhesion, integrins are known to participate in cell-surface mediated signaling. Integrin alpha 5 and integrin alpha V chains are produced by distinct genes. Homozygous knockout mice for this gene exhibit embryonic lethality. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]