

## Product datasheet for **MR224242L3V**

### **Itgb7 (NM\_013566) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Itgb7 (NM_013566) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itgb7
Synonyms:	Ly69
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013566
ORF Size:	2418 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224242).
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_013566.2</a> , <a href="#">NP_038594.2</a>
RefSeq Size:	2696 bp
RefSeq ORF:	2421 bp
Locus ID:	16421
UniProt ID:	<a href="#">P26011</a>
Cytogenetics:	15 57.39 cM



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**Gene Summary:**

Integrin alpha-4/beta-7 (Peyer patches-specific homing receptor LPAM-1) is involved in adhesive interactions of leukocytes. It is a receptor for fibronectin and recognizes one or more domains within the alternatively spliced CS-1 region of fibronectin. Integrin alpha-4/beta-7 is also a receptor for MADCAM1 and VCAM1. It recognizes the sequence L-D-T in MADCAM1. Integrin alpha-E/beta-7 is a receptor for E-cadherin.[UniProtKB/Swiss-Prot Function]