

Product datasheet for **MR222526L3V**

Itga2b (NM_010575) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Itga2b (NM_010575) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itga2b
Synonyms:	AI172977; alphaIIb; CD41; CD41B; GpIIb
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_010575
ORF Size:	3102 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222526).
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_010575.2 , NP_034705.2
RefSeq Size:	3437 bp
RefSeq ORF:	3102 bp
Locus ID:	16399
UniProt ID:	Q9QUM0
Cytogenetics:	11 66.29 cM



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Gene Summary:

Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface.[UniProtKB/Swiss-Prot Function]