

Product datasheet for **RR205582L4V**

Fyb (Fyb1) (NM_001109176) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fyb (Fyb1) (NM_001109176) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Fyb1
Synonyms:	Fyb; RGD1563421
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001109176
ORF Size:	2460 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR205582).
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_001109176.1 , NP_001102646.1
RefSeq Size:	2707 bp
RefSeq ORF:	2463 bp
Locus ID:	499537
Cytogenetics:	2q16



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Gene Summary:

Acts as an adapter protein of the FYN and LCP2 signaling cascades in T-cells (By similarity). May play a role in linking T-cell signaling to remodeling of the actin cytoskeleton (By similarity). Modulates the expression of IL2 (By similarity). Involved in platelet activation (By similarity). Prevents the degradation of SKAP1 and SKAP2 (By similarity). May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells (PubMed:12681493). [UniProtKB/Swiss-Prot Function]