

Product datasheet for **RC225843L2V**

Plexin A4 (PLXNA4) (NM_001105543) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plexin A4 (PLXNA4) (NM_001105543) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Plexin A4
Synonyms:	FAYV2820; PLEXA4; PLXNA4A; PLXNA4B; PRO34003
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001105543
ORF Size:	1476 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225843).
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_001105543.1
RefSeq ORF:	1479 bp
Locus ID:	91584
UniProt ID:	Q9HCM2
Cytogenetics:	7q32.3
Protein Families:	Druggable Genome
MW:	54.9 kDa



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Gene Summary:

Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing nervous system. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm (By similarity).[UniProtKB/Swiss-Prot Function]