

Product datasheet for **MR209947L4V**

Flrt1 (NM_201411) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Flrt1 (NM_201411) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Flrt1
Synonyms:	AW742165; D630040I23Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_201411
ORF Size:	2022 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209947).
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_201411.2 , NP_958813.1
RefSeq Size:	5876 bp
RefSeq ORF:	2025 bp
Locus ID:	396184
UniProt ID:	Q6RKD8
Cytogenetics:	19 A



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Gene Summary:

Plays a role in fibroblast growth factor-mediated signaling cascades that lead to the activation of MAP kinases (PubMed:16872596, PubMed:20421966). Promotes neurite outgrowth via FGFR1-mediated activation of downstream MAP kinases. Promotes an increase both in neurite number and in neurite length (PubMed:20421966). May play a role in cell-cell adhesion and cell guidance via its interaction with ADGRL1/LPHN1 and ADGRL3 (PubMed:22405201).[UniProtKB/Swiss-Prot Function]