

Product datasheet for **MR212027L4V**

Adgrl3 (NM_198702) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adgrl3 (NM_198702) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adgrl3
Synonyms:	5430402I23Rik; C1RL-3; D130075K09Rik; Gm1379; LEC3; Lphn3; mKIAA0768
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198702
ORF Size:	4629 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212027).
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_198702.2
RefSeq Size:	5812 bp
RefSeq ORF:	4632 bp
Locus ID:	319387
UniProt ID:	Q80TS3
Cytogenetics:	5 D-E1



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Gene Summary:

Plays a role in cell-cell adhesion and neuron guidance via its interactions with FLRT2 and FLRT3 that are expressed at the surface of adjacent cells (PubMed:22405201, PubMed:25728924, PubMed:26235031). Plays a role in the development of glutamatergic synapses in the cortex (PubMed:22405201, PubMed:24739570). Important in determining the connectivity rates between the principal neurons in the cortex (PubMed:24739570). [UniProtKB/Swiss-Prot Function]