

Product datasheet for **MR212152L4V**

Jag1 (NM_013822) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

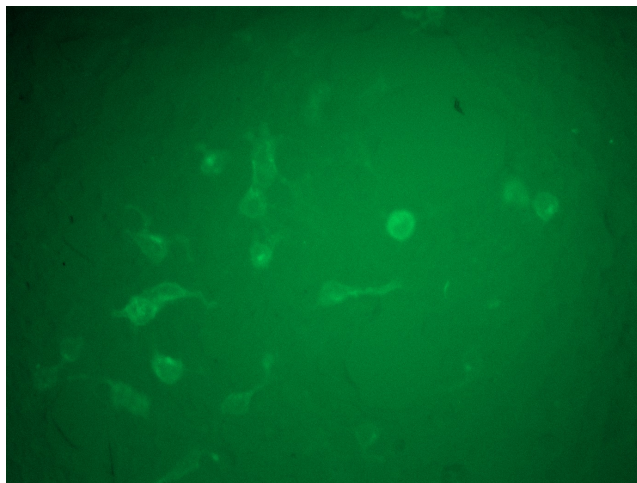
Product Type:	Lentiviral Particles
Product Name:	Jag1 (NM_013822) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Jag1
Synonyms:	ABE2; Gsfabe2; Htu; Ozz; Ser-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013822
ORF Size:	3654 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212152).
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_013822.5 , NP_038850.1
RefSeq Size:	5493 bp
RefSeq ORF:	3657 bp
Locus ID:	16449
UniProt ID:	Q9QXX0
Cytogenetics:	2



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Gene Summary:

Ligand for multiple Notch receptors and involved in the mediation of Notch signaling. May be involved in cell-fate decisions during hematopoiesis. Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation (By similarity). May regulate fibroblast growth factor-induced angiogenesis.[UniProtKB/Swiss-Prot Function]

Product images:

[MR212152L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR212152L4V particle to overexpress human Jag1-mGFP fusion protein.