

Product datasheet for **MR216568L4V**

Figl1 (NM_021891) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Figl1 (NM_021891) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Figl1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021891
ORF Size:	2049 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216568).
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_021891.3 , NP_068691.2
RefSeq Size:	2964 bp
RefSeq ORF:	2052 bp
Locus ID:	60530
UniProt ID:	Q8BPY9
Cytogenetics:	11 A1



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Gene Summary:

Involved in DNA double-strand break (DSB) repair via homologous recombination (HR). Recruited at DSB sites independently of BRCA2, RAD51 and RAD51 paralogs in a H2AX-dependent manner. May regulate osteoblast proliferation and differentiation (PubMed:17352653). May play a role in the control of male meiosis dynamic (PubMed:22110678).[UniProtKB/Swiss-Prot Function]