

## Product datasheet for **MR217770L3V**

### **Pfas (NM\_001159519) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pfas (NM_001159519) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pfas
Synonyms:	4432409B16Rik; FGAMS; FGAR-AT; FGARAT; Gm18; PURL; Sofa
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001159519
ORF Size:	4011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217770).
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. <a href="#">More info</a>
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:	<a href="#">NM_001159519.1</a> , <a href="#">NP_001152991.1</a>
RefSeq Size:	6369 bp
RefSeq ORF:	4014 bp
Locus ID:	237823
UniProt ID:	<a href="#">Q5SUR0</a>
Cytogenetics:	11 B3


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**Gene Summary:**

Phosphoribosylformylglycinamide synthase involved in the purines biosynthetic pathway. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamide ribonucleotide (FGAM) and glutamate (By similarity). [UniProtKB/Swiss-Prot Function]