

## Product datasheet for **MR200895L4V**

### **Pfn1 (NM\_011072) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pfn1 (NM_011072) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pfn1
Synonyms:	Pfn
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011072
ORF Size:	423 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200895).
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_011072.2</a> , <a href="#">NP_035202.1</a>
RefSeq Size:	883 bp
RefSeq ORF:	423 bp
Locus ID:	18643
UniProt ID:	<a href="#">P62962</a>
Cytogenetics:	11 43.21 cM



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**Gene Summary:**

Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG. Inhibits androgen receptor (AR) and HTT aggregation and binding of G-actin is essential for its inhibition of AR (By similarity). [UniProtKB/Swiss-Prot Function]