

Product datasheet for **MR200848L4V**

Pfn3 (NM_029303) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pfn3 (NM_029303) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pfn3
Synonyms:	1700012P12Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029303
ORF Size:	411 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200848).
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_029303.2 , NP_083579.1
RefSeq Size:	574 bp
RefSeq ORF:	414 bp
Locus ID:	75477
UniProt ID:	Q9DAD6
Cytogenetics:	13 30.06 cM



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Gene Summary:

Binds to actin and affects the structure of the cytoskeleton. Binds to poly-L-proline, phosphatidylinositol 3-phosphate (PtdIns(3)P), phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂) and phosphatidylinositol 4-phosphate (PtdIns(4)P). Slightly reduces actin polymerization. May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]