

Product datasheet for **MR211858L4V**

Ppfia2 (NM_177373) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ppfia2 (NM_177373) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ppfia2
Synonyms:	5330438O12; B230207K17Rik; E130120L08Rik; mKIAA4112
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177373
ORF Size:	3768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211858).
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_177373.4 , NP_796347.2
RefSeq Size:	6451 bp
RefSeq ORF:	3771 bp
Locus ID:	327814
UniProt ID:	Q8BSS9
Cytogenetics:	10 D1



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Gene Summary:

Alters PTPRF cellular localization and induces PTPRF clustering. May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates (By similarity).[UniProtKB/Swiss-Prot Function]