

Product datasheet for **MR209018L4V**

Parpbp (NM_029249) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Parpbp (NM_029249) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Parpbp
Synonyms:	4930547N16Rik; AI503644; PARI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029249
ORF Size:	1722 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209018).
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_029249.2 , NP_083525.1
RefSeq Size:	3628 bp
RefSeq ORF:	1722 bp
Locus ID:	75317
UniProt ID:	Q6IRT3
Cytogenetics:	10



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Gene Summary:

Required to suppress inappropriate homologous recombination, thereby playing a central role DNA repair and in the maintenance of genomic stability. Antagonizes homologous recombination by interfering with the formation of the RAD51-DNA homologous recombination structure. Binds single-strand DNA and poly(A) homopolymers. Positively regulate the poly(ADP-ribosyl)ation activity of PARP1; however such function may be indirect (By similarity).[UniProtKB/Swiss-Prot Function]