

Product datasheet for **MR221778L4V**

Ptprk (NM_008983) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ptprk (NM_008983) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptprk
Synonyms:	AI853699; PTPk; RPTPkappa
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008983
ORF Size:	4371 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221778).
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_008983.2 , NP_033009.1
RefSeq Size:	6177 bp
RefSeq ORF:	4374 bp
Locus ID:	19272
UniProt ID:	P35822
Cytogenetics:	10 15.06 cM



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Gene Summary:

Regulation of processes involving cell contact and adhesion such as growth control, tumor invasion, and metastasis. Negative regulator of EGFR signaling pathway. Forms complexes with beta-catenin and gamma-catenin/plakoglobin. Beta-catenin may be a substrate for the catalytic activity of PTPRK/PTP-kappa.[UniProtKB/Swiss-Prot Function]