

Product datasheet for **RC217989L1V**

PTPRZ1 (NM_002851) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PTPRZ1 (NM_002851) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTPRZ1
Synonyms:	HPTPZ; HPTPzeta; phosphacan; PTP-ZETA; PTP18; PTPRZ; PTPZ; R-PTP-zeta-2; RPTPB; RPTPbeta
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002851
ORF Size:	6945 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217989).
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_002851.2
RefSeq Size:	8169 bp
RefSeq ORF:	6948 bp
Locus ID:	5803
UniProt ID:	P23471
Cytogenetics:	7q31.32
Domains:	Y_phosphatase, carb_anhydrase, PTPc_motif, FN3



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Protein Families:	Druggable Genome, Phosphatase, Transmembrane
Protein Pathways:	Epithelial cell signaling in Helicobacter pylori infection
MW:	254.6 kDa
Gene Summary:	<p>This gene encodes a member of the receptor protein tyrosine phosphatase family. Expression of this gene is restricted to the central nervous system (CNS), and it may be involved in the regulation of specific developmental processes in the CNS. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011]</p>