

Product datasheet for **RC208971L3V**

PTPDC1 (NM_177995) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PTPDC1 (NM_177995) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTPDC1
Synonyms:	PTP9Q22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_177995
ORF Size:	2262 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208971).
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_177995.1
RefSeq Size:	4527 bp
RefSeq ORF:	2265 bp
Locus ID:	138639
UniProt ID:	A2A3K4
Cytogenetics:	9q22.32
Protein Families:	Druggable Genome, Phosphatase
MW:	84.5 kDa



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Gene Summary:

The protein encoded by this gene contains a characteristic motif of protein tyrosine phosphatases (PTPs). PTPs regulate activities of phosphoproteins through dephosphorylation. They are signaling molecules involved in the regulation of a wide variety of biological processes. The specific function of this protein has not yet been determined. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]