

## Product datasheet for **RC212270L4V**

### **PTPN20B (PTPN20) (NM\_001042358) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

<b>Product Type:</b>	Lentiviral Particles
<b>Product Name:</b>	PTPN20B (PTPN20) (NM_001042358) Human Tagged ORF Clone Lentiviral Particle
<b>Symbol:</b>	PTPN20B
<b>Synonyms:</b>	bA42B19.1; bA142I17.1; CT126; PTPN20A; PTPN20B
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_001042358
<b>ORF Size:</b>	1233 bp
<b>ORF Nucleotide Sequence:</b>	The ORF insert of this clone is exactly the same as(RC212270).
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">NM_001042358.3</a> , <a href="#">NP_001035817.1</a>
<b>RefSeq Size:</b>	2870 bp
<b>RefSeq ORF:</b>	1236 bp
<b>Locus ID:</b>	26095
<b>UniProt ID:</b>	<a href="#">Q4JDL3</a>
<b>Cytogenetics:</b>	10q11.22
<b>Protein Families:</b>	Druggable Genome, Phosphatase
<b>MW:</b>	47.2 kDa



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**Gene Summary:**

The product of this gene belongs to the family of classical tyrosine-specific protein tyrosine phosphatases. Many protein tyrosine phosphatases have been shown to regulate fundamental cellular processes. The encoded protein appears to be targeted to sites of actin polymerization. A pseudogene of this gene has been defined on chromosome 10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]