

## Product datasheet for **RC217419L4V**

### PTPN5 (NM\_001039970) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PTPN5 (NM_001039970) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTPN5
Synonyms:	PTPSTEP; STEP; STEP61
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001039970
ORF Size:	1599 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217419).
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. <a href="#">More info</a>
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:	<a href="#">NM_001039970.1</a>
RefSeq Size:	3105 bp
RefSeq ORF:	1602 bp
Locus ID:	84867
UniProt ID:	<a href="#">P54829</a>
Cytogenetics:	11p15.1
Protein Families:	Druggable Genome, Phosphatase, Transmembrane
Protein Pathways:	MAPK signaling pathway



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**MW:** 59.9 kDa

**Gene Summary:** May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.  
[UniProtKB/Swiss-Prot Function]