

## Product datasheet for **RC224803L4V**

### PTPRCAP (NM\_005608) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PTPRCAP (NM_005608) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTPRCAP
Synonyms:	CD45-AP; LPAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005608
ORF Size:	618 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224803).
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_005608.2</a>
RefSeq Size:	917 bp
RefSeq ORF:	621 bp
Locus ID:	5790
UniProt ID:	<a href="#">Q14761</a>
Cytogenetics:	11q13.2
Protein Families:	Phosphatase, Transmembrane
MW:	21 kDa



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**Gene Summary:**

The protein encoded by this gene was identified as a transmembrane phosphoprotein specifically associated with tyrosine phosphatase PTPRC/CD45, a key regulator of T- and B-lymphocyte activation. The interaction with PTPRC may be required for the stable expression of this protein. [provided by RefSeq, Jul 2008]