

Product datasheet for **RC214434L4V**

PHOSPHO1 (NM_178500) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PHOSPHO1 (NM_178500) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PHOSPHO1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178500
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214434).
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_178500.2
RefSeq Size:	2046 bp
RefSeq ORF:	804 bp
Locus ID:	162466
UniProt ID:	Q8TCT1
Cytogenetics:	17q21.32
Protein Families:	Druggable Genome
Protein Pathways:	Glycerophospholipid metabolism
MW:	29.7 kDa



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Gene Summary:

Phosphatase that has a high activity toward phosphoethanolamine (PEA) and phosphocholine (PCho). Involved in the generation of inorganic phosphate for bone mineralization.[UniProtKB/Swiss-Prot Function]