

Product datasheet for **RC226021L4V**

Phostensin (PPP1R18) (NM_001134870) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Phostensin (PPP1R18) (NM_001134870) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPP1R18
Synonyms:	HKMT1098; KIAA1949
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134870
ORF Size:	1839 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226021).
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_001134870.1
RefSeq Size:	2969 bp
RefSeq ORF:	1842 bp
Locus ID:	170954
UniProt ID:	Q6NYC8
Cytogenetics:	6p21.33
MW:	67.9 kDa



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Gene Summary:

Protein phosphatase-1 (PP1; see MIM 176875) interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin (see MIM 102610) cytoskeleton (Kao et al., 2007 [PubMed 17374523]).[supplied by OMIM, Mar 2008]