

Product datasheet for **MR205152L4V**

Pnck (NM_012040) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pnck (NM_012040) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pnck
Synonyms:	Bstk3; Camk1b; CaMKIbeta2; caMKIb1; CaMKIb2; Punc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012040
ORF Size:	1032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205152).
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_012040.2
RefSeq Size:	1582 bp
RefSeq ORF:	1032 bp
Locus ID:	93843
UniProt ID:	Q9QYK9
Cytogenetics:	X 37.38 cM
Gene Summary:	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates CREB1 and SYN1/synapsin I. Phosphorylates and activates CAMK1 (By similarity).[UniProtKB/Swiss-Prot Function]



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