

Product datasheet for **RC206585L4V**

Calcineurin B (PPP3R1) (NM_000945) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Calcineurin B (PPP3R1) (NM_000945) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Calcineurin B
Synonyms:	CALNB1; CNB; CNB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000945
ORF Size:	510 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206585).
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_000945.3
RefSeq Size:	3111 bp
RefSeq ORF:	513 bp
Locus ID:	5534
UniProt ID:	P63098
Cytogenetics:	2p14
Domains:	EFh
Protein Families:	Druggable Genome, Phosphatase



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Protein Pathways: Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Axon guidance, B cell receptor signaling pathway, Calcium signaling pathway, Long-term potentiation, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Oocyte meiosis, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

MW: 19.3 kDa

Gene Summary: Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.[UniProtKB/Swiss-Prot Function]