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Product datasheet for RC222908L4V

PPP2R3B (NM_013239) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPP2R3B (NM_013239) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPP2R3B
Synonyms:	NYREN8; PPP2R3L; PPP2R3LY; PR48; PR70
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013239
ORF Size:	1725 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC222908).`
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_013239.3
RefSeq Size:	2071 bp
RefSeq ORF:	1728 bp
Locus ID:	28227
UniProt ID:	Q9Y5P8
Cytogenetics:	X;Y
Protein Families:	Druggable Genome, Phosphatase
MW:	64.9 kDa

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Gene Summary: Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holozenzyme. The product of this gene belongs to the B'' family. The B'' family has been further divided into subfamilies. The product of this gene belongs to the beta subfamily of regulatory subunit B''. [provided by RefSeq, Apr 2010]