

Product datasheet for **RC204075L4V**

PRRX2 (NM_016307) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRRX2 (NM_016307) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRRX2
Synonyms:	PMX2; PRX2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016307
ORF Size:	759 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204075).
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_016307.3
RefSeq Size:	1327 bp
RefSeq ORF:	762 bp
Locus ID:	51450
UniProt ID:	Q99811
Cytogenetics:	9q34.11
Protein Families:	Transcription Factors
MW:	27.1 kDa



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Gene Summary:

The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins. Expression is localized to proliferating fetal fibroblasts and the developing dermal layer, with downregulated expression in adult skin. Increases in expression of this gene during fetal but not adult wound healing suggest a possible role in mechanisms that control mammalian dermal regeneration and prevent formation of scar response to wounding. The expression patterns provide evidence consistent with a role in fetal skin development and a possible role in cellular proliferation. [provided by RefSeq, Jul 2008]