

Product datasheet for **RC213276L1V**

PRRX1 (NM_006902) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PRRX1 (NM_006902) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PRRX1 |
| Synonyms: | AGOTC; PHOX1; PMX1; PRX-1; PRX1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_006902 |
| ORF Size: | 651 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC213276). |
| 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_006902.3 |
| RefSeq Size: | 4071 bp |
| RefSeq ORF: | 654 bp |
| Locus ID: | 5396 |
| UniProt ID: | P54821 |
| Cytogenetics: | 1q24.2 |
| Protein Families: | Transcription Factors |
| MW: | 24.2 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 localized to the nucleus. The protein functions as a transcription co-activator, enhancing the DNA-binding activity of serum response factor, a protein required for the induction of genes by growth and differentiation factors. The protein regulates muscle creatine kinase, indicating a role in the establishment of diverse mesodermal muscle types. Alternative splicing yields two isoforms that differ in abundance and expression patterns. [provided by RefSeq, Jul 2008]