

Product datasheet for RC204075

PRRX2 (NM_016307) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRRX2 (NM_016307) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PRRX2
Synonyms:	PMX2; PRX2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204075 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACAGCGGGCCGCCCTTCGCCCTGGACAAGCCGGCGCTGGGCCCGGGCCGCCGCCCTCCAC
CCGCGCTGGGGCCGGCGACTGCGCCAGGGCGCAAGAATTCTCGGTGAGCCACCTCTGGACCTGGA
AGAGGTGGCGGGCCGGCGGTGGCGCGCCCGGGGCCAGGGCCGAGGCGGGAGGGCGCAGCA
CGGGAGCCGTCGGGGGAGCAGCGGCAGCGAGGCGCGCCGAGGATGGTGAGTGTCCAGCCCGGGC
GCGGTAGCGCCCAAGCGGAAGAAGAAGCAGCGCGGAACCGCACACGTTCAACAGCAGCCAAGTCA
GGCGCTGGAGCGGTGTCGAGCGCACGCACTACCCGAGCCTTTGTGCGGAGGAGCTTGCCCGGCGC
GTCAACCTCAGCGAGGCGCGTTCAGGTCTGGTTTCAGAACCAGCGCGCAAGTTCGCGAGGAATGAAA
GGGCCATGCTGGCCAGCCGCTCTGCCTCGCTGCTCAAGTCTACAGCCAGGAGGCCCATCGAGCAGCC
CGTGGCTCCCGGCCACCGCCCTGAGTCCAGATTATCTCCTGGACAGCCTCGTCCCCCTACAGCACA
GTGCCACCCTACAGCCCTGGGAGCTCAGGCCCGCAACCCAGGGGTCAACATGGCCAACAGCATCGCCA
GCCTCCGTCTCAAGGCCAAGGAGTTCAGCCTGCACCACAGCCAGGTGCCTACGGTGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_016307.4](#)

RefSeq Size: 1327 bp

RefSeq ORF: 762 bp

Locus ID: 51450

UniProt ID: [Q99811](#)

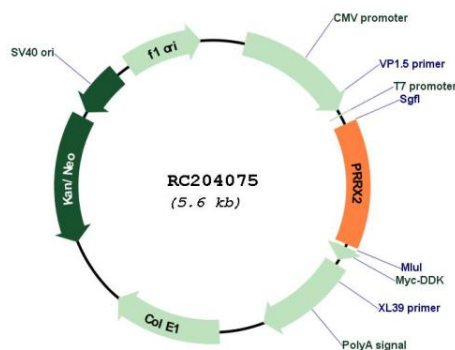
Cytogenetics: 9q34.11

Protein Families: Transcription Factors

MW: 27.1 kDa

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]

Product images:



Circular map for RC204075