

Recombinant Human PRRX2 cell lysate

Cat. No. PRRX2-1421HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PRRX2 paired related homeobox 2 [Homo sapiens]
Official Symbol	PRRX2

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Synonyms	PRRX2; paired related homeobox 2; paired mesoderm homeobox protein 2; PMX2; PRX2; PRX-2; paired-related homeobox protein 2; paired-like homeodomain protein PRX2; MGC19843;
Gene ID	51450
mRNA Refseq	NM_016307
Protein Refseq	NP_057391
MIM	604675
UniProt ID	Q99811
Chromosome Location	9q34.11
Function	HMG box domain binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;