

**Conclusion** Fibroblasts are the main source of endogenous Prp<sup>c</sup> in the kidney. After injury, rapidly activated fibroblasts secrete Prp<sup>c</sup>, which acts on the TSPAN7 protein in renal tubular epithelial cells, mediates the formation of migrasome, promotes the repair of renal tubular epithelial cells, and reduces AKI.

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