

# CELL

## APPLICATIONS, INC.

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## Human Renal Proximal Tubular Epithelial Cells: HRPTEpC

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MSDS Cryopreserved Cells

Cell Apps Flyer Epithelial Cells

5 Important Cell Culture Rules

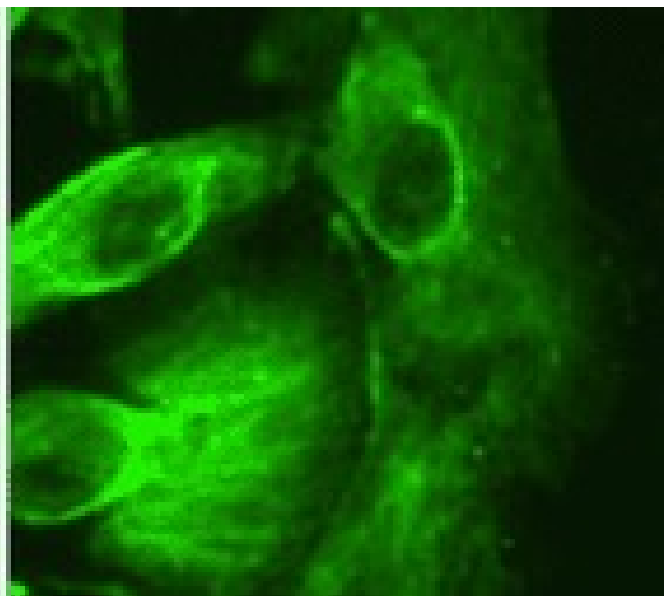
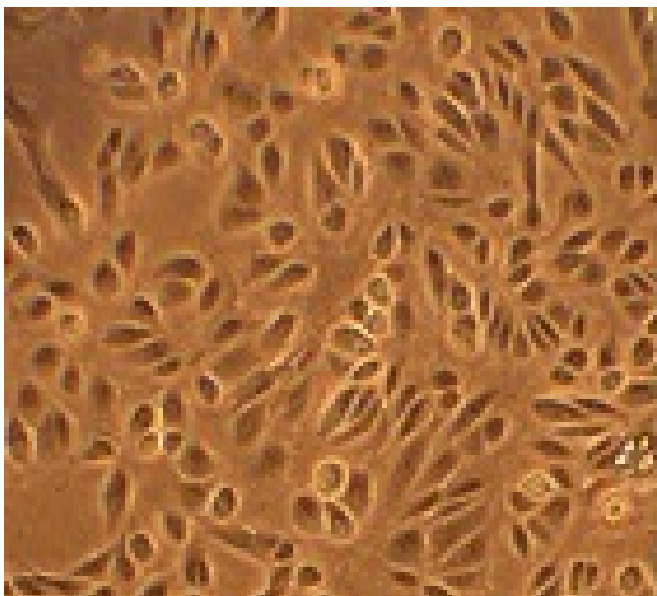
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Cell Applications Inc Brochure

### Description

**Human Renal Proximal Tubular Epithelial Cells (HRPTEpC)** provide a useful tool for studying various aspects of pathology and biology of human kidney cells in vitro. HRPTEpC from Cell Applications, Inc. have recently been used in a study of metabolic enzymes responding to energy depletion in renal cells, and they a pivotal role in kidney function including reabsorption of glucose and protein, and also play a part in the glucotoxicity associated with diabetes.

**Characterization:** *Morphology consistent with epithelial origin, and positive for epithelial cell marker cytokeratin 18*



[1]  
(Click to Enlarge) **Human Renal Proximal Tubular Epithelial Cells, HRPTEpC**, Confocal image (L) and immunofluorescently stained with anti-CK18 (R)

## Details

<b>Tissue</b>	Normal healthy human Kidney
<b>QC</b>	No bacteria, yeast, fungi, mycoplasma, virus
<b>Bioassay</b>	Attach, spread, proliferate in Growth Med
<b>Cryovial</b>	500,000 HRPTEpC (1st or 2nd psg) frozen in Basal Med w/ 10% FBS, 10% DMSO
<b>Kit</b>	Cryovial frozen HRPTEpC (930-05a), Growth Medium (911-500), Subcltr Rgnt Kit (090K)
<b>Proliferating</b>	Shipped in Tsfr Med, psg 3, flasks or plates
<b>Doublings</b>	At least 6
<b>Applications</b>	Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

### Instructions HRPTEpC

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