

# HPEKs

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## Epidermal Keratinocyte Progenitors, Single Donor

Normal human epidermal keratinocyte progenitor cells, isolated from juvenile donor material, cryo preserved at at early passage.

This material is of human origin and should therefore be handled as hazardous. Although it has been tested negative for HIV 1, Hepatitis B and Hepatitis C, treat this material as potentially infectious, and use appropriate biocontainment, protective equipment and other precautions to prevent accidental exposure.

<b>SPECIES</b>	Human, juvenile, single donor
<b>TISSUE TYPE</b>	Epithelia
<b>PACK SIZE</b>	Vial containing $5 \times 10^5$ viable cells (1 mL)
<b>DEFINED</b>	Yes
<b>ACF</b>	No
<b>CULTURE MEDIUM</b>	CnT-PR
<b>CULTIVATION</b>	For cultivation instructions, please see general cultivation protocol, on our resources section.
<b>PASSAGING</b>	Recommended seeding density after passaging: $4 \times 10^3$ cells / cm <sup>2</sup> . For passaging instructions, please see general cultivation protocol in the resources section of <a href="http://www.cellntec.com">www.cellntec.com</a>
<b>AV. TIME TO CONFLUENCE</b>	5 to 7 days (depending on temperature, seeding density and protocol)
<b>LONGEVITY</b>	Guaranteed to provide 15 population doublings when grown in CnT-Prime medium.
<b>STORAGE / SHELF LIFE</b>	Immediately upon arrival transfer the cryo vial to the liquid nitrogen container, until ready to use.
<b>THAWING</b>	Recommended seeding density after thawing: $4 \times 10^3$ cells / cm <sup>2</sup> . For thawing instructions, please see general cultivation protocol in the resources section of <a href="http://www.cellntec.com">www.cellntec.com</a>
<b>FREEZING</b>	Recommended freezing density: $1 \times 10^6$ cells / mL. For freezing instructions, please see general cultivation protocol in the resources section of <a href="http://www.cellntec.com">www.cellntec.com</a>
<b>QUALITY CONTROL</b>	Tested negative for Hepatitis B, Hepatitis C and HIV-1. Free of bacteria, fungi and mycoplasma contamination.
<b>SHIPPING CONDITION</b>	Cells are shipped on dry ice.
<b>COMMENTS</b>	For routine cell cultivation CELLnTEC recommends to work without antibiotics / antimycotics.
<b>INTENDED USE</b>	For research use only. Not for use in therapy or diagnostics.
<b>LAST UPDATE</b>	2019-09-20