

HPEKas

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Epidermal Keratinocyte Progenitors, Adult, Single Donor

Normal human epidermal keratinocyte progenitor cells, isolated from adult donor material, cryo preserved 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.

SPECIES	Human, adult, single donor, abdominal skin
TISSUE TYPE	Epithelia
PACK SIZE	Vial containing 5×10^5 viable cells (1 mL)
DEFINED	Yes
ACF	No
CULTURE MEDIUM	CnT-NX-E for optimal growth.
CULTIVATION	For cultivation instructions, please see general cultivation protocol, on our resources section.
PASSAGING	Recommended seeding density after passaging: 4×10^3 cells / cm ² . For passaging instructions, please see general cultivation protocol in the resources section of www.cellntec.com
AV. TIME TO CONFLUENCE	5 to 7 days (depending on temperature, seeding density and protocol)
LONGEVITY	Guaranteed to provide 15 population doublings when grown in CnT-Prime medium.
STORAGE / SHELF LIFE	Immediately upon arrival transfer the cryo vial to the liquid nitrogen container, until ready to use.
THAWING	Recommended seeding density after thawing: 4×10^3 cells / cm ² . For thawing instructions, please see general cultivation protocol in the resources section of www.cellntec.com
FREEZING	Recommended freezing density: 1×10^6 cells / mL. For freezing instructions, please see general cultivation protocol in the resources section of www.cellntec.com
QUALITY CONTROL	Tested negative for Hepatitis B, Hepatitis C and HIV-1. Free of bacteria, fungi and mycoplasma contamination.
SHIPPING CONDITION	Cells are shipped on dry ice.
COMMENTS	For routine cell cultivation CELLnTEC recommends to work without antibiotics / antimycotics.
INTENDED USE	For research use only. Not for use in therapy or diagnostics.
LAST UPDATE	2025-05-01