

TECHNICAL DATASHEET

Product name: human iPSCs

uSTEM product number: uST.01.03.03.00024.03.01

Reprogramming method: microfluidic RNA technology

Cell Source: Human Fibroblasts SIMD1378

Passage: P3

Cell expansion medium: E8

Volume/Ampule: approximately 1 mL (1/2 12-well)

Product Format: cryopreserved cells

Storage Conditions: liquid nitrogen

Permitted Uses

The purchase of the Products/hiPSC line conveys the Purchasers the limited, non-transferable right to use them to conduct internal research and for educational purposes only. Purchasers acknowledge that they may use the Products/hiPSC line only for internal research in their laboratories and not for Commercial Use (hereinafter the “**Permitted Use**”). The purchase of the Products/hiPSC line does not include nor carry any rights under any patent nor any rights to use, develop or otherwise exploit the Product for Commercial Use, and no rights are conveyed to Purchasers to use the Product for any purpose other than the Permitted Use. Purchasers agree to use the Products/hiPSC line in compliance with all applicable statutes and regulations. Purchasers agree not to use Products/hiPSC line for application and use for human/animal therapeutic, diagnostic and/or prophylactic purposes including but not limited to clinical applications, cell therapy, transplantation and/or regenerative medicine without appropriate license.

Pluripotency marker analysis

Each lot has been tested for expression of stem cell markers (OCT4, NANOG and TRA-1-60; see Figure 1) and for the absence of mycoplasma.

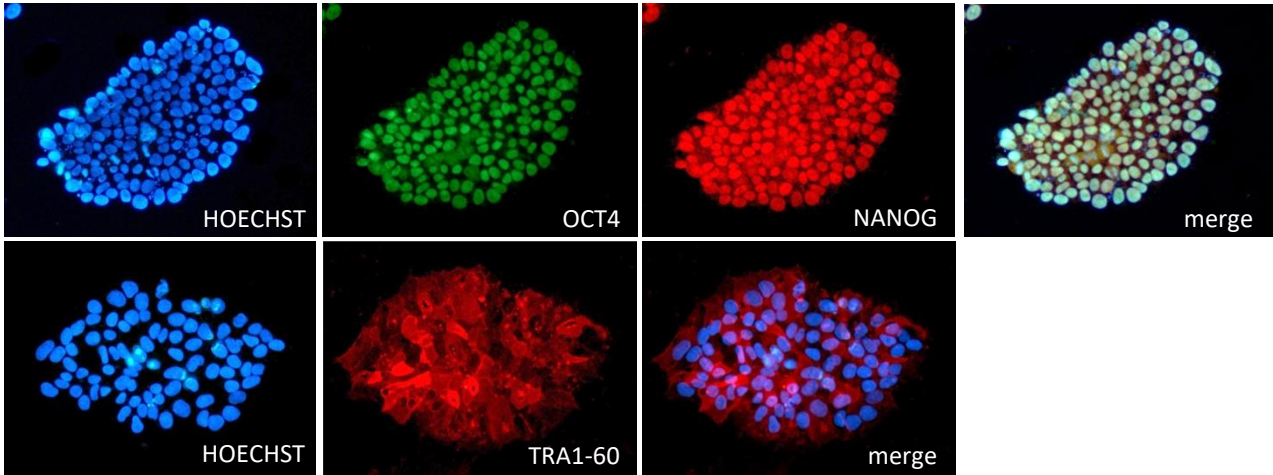


Figure 1: Immunohistochemical analysis for hiPSC markers at P2:
1st line: HOECHST (blue), OCT4 (green), NANOG (red).
2nd line: HOECHST (blue), TRA1-60 (red).

Test for mycoplasma contamination: none detected using MycoAlert® Assay Control, Lonza