



11 Park Drive, Suite 12
Boston, MA 02215

GFP Expressing Human Neonatal Dermal Fibroblasts (GFP-HNDFs)

ORDER INFORMATION

Name of Cells: GFP Expressing Human Neonatal Dermal Fibroblasts (**GFP-HNDFs**)

Catalogue Number: cAP-0008GFP

Product Format: Proliferating culture

Cell Number: > 90% confluent (>3 x 10⁵ cells) in T25 flask

General Information

HNDFs are isolated from normal neonatal forehead skin tissue samples and transfected with GFP-Lentiviral particles at passage one. Puromycin resistant GFP-HNDFs are selected and shipped in proliferating culture with >90 confluence (the cells are provided @ passage 3). DMEM contains 5% Fetal calf serum (Full medium) is recommended for cell culture and these cells have an average minimum population doubling levels > 8 when cultured following the detailed protocol described below. GFP-HNDFs are tested negative for HIV-1, HBV, HCV, and mycoplasma.

Product Use: GFP-HNDFs are for research use only.

Shipping: Proliferating culture in T25 flask.

Handling of Arriving Cells

When you receive the cells, leave the flask in 37°C CO₂ incubator for 1 hour first, and then replace the transport medium with fresh Full medium. Let the cells grow for 24 hours before subculture.

1. Subculture Protocol:

- A) Rinse the cells in T25 flask with 5ml DPBS (**Room Temperature, RT**) twice.
- B) Add 2ml of Trypsin/EDTA (**RT**) (Invitrogen Catalogue number: 25300-062) into T25 flask (make sure the whole surface of the T25 flask is covered with Trypsin/EDTA), and gently dispose the Trpsin/EDTA solution **within 10 seconds** with aspiration.

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 6175492665; Fax: (480) 247-4337, angioproteomie@gmail.com



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- C) Leave the T25 flask with the cells at **RT** for 1 minute (the cells will normally come off the surface within 1-2 minute).

- D) Suspend the cells with 40ml of fresh Full medium and the cell suspension is transferred directly into 4 x T25 flasks (10ml each, and the cells are subcultured at 1:4 ratio).

- E) Culture medium (full medium) is changed every 2-3 days. The cells normally become confluent within 7 days (when split with a ratio of 1:4).

Caution: Handling human derived products is potentially biohazardous. Although each cell strain testes negative for HIV, HBV and HCV DNA, diagnostic tests are not necessarily 100% accurate, therefore, proper precautions must be taken to avoid inadvertent exposure. Always wear gloves and safety glasses when working these materials. Never mouth pipette. We recommend following the universal procedures for handling products of human origin as the minimum precaution against contamination.

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