

Product sheet

HFL1 | 305065

General Information

Description HFL1, human fibroblast-like cells, derived from human foreskin, used for cell culture and research. HFL1 cells are characterized by their fibroblastic morphology and ability to form colonies in culture. HFL1 cells are commonly used in cell biology and tissue engineering studies.

Organism Human

Tissue Skin

Synonyms HFL-1, HFL 1, HFL1, HFL1, HFL1

Characteristics

Age Adult

Gender Male

Morphology Fibroblastic

Growth properties Adherent

Identification

Citation HFL1 (Cytion 305065)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0298

Additional Information

References

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Culture Medium Ham's F12K Medium, w: 2.0 mM L-Glutamine, w: 2.0 mM Sodium pyruvate, w: 2.5 g/L NaHCO₃ (Cytion 820608a)

Supplements Cytion 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in Ham's F12K Medium supplemented with 10% FBS, 2.0 mM L-Glutamine, 2.0 mM Sodium pyruvate, and 2.5 g/L NaHCO₃. Cells are passaged using Trypsin and are resuspended in Ham's F12K Medium supplemented with 10% FBS, 2.0 mM L-Glutamine, 2.0 mM Sodium pyruvate, and 2.5 g/L NaHCO₃.

Fluid renewal 2-3 times per week

Freeze medium Ham's F12K Medium supplemented with 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a water bath at 37°C and transfer to a pre-warmed medium.
 2. Centrifuge cells at 300 x g for 3 minutes and resuspend in Ham's F12K Medium supplemented with 10% FBS.
 3. Seed cells into a T25 flask and incubate at 37°C with 5% CO₂.
 4. Once cells reach 70% confluency, passage them into a T75 flask.
 5. Seed cells into a T75 flask and incubate at 37°C with 5% CO₂.
 6. Centrifuge cells at 300 x g for 3 minutes and resuspend in Ham's F12K Medium supplemented with 10% FBS.
 7. Seed cells into a T75 flask and incubate at 37°C with 5% CO₂.
 8. Once cells reach 70% confluency, passage them into a T75 flask.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Cells are frozen in Ham's F12K Medium supplemented with 10% FBS + 10% DMSO at -78°C.

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Shipping Conditions -78°C

Storage Conditions

HLA1, HLA2, HLA3, HLA4, HLA5, HLA6, HLA7, HLA8, HLA9, HLA10, HLA11, HLA12, HLA13, HLA14, HLA15, HLA16, HLA17, HLA18, HLA19, HLA20, HLA21, HLA22, HLA23, HLA24, HLA25, HLA26, HLA27, HLA28, HLA29, HLA30, HLA31, HLA32, HLA33, HLA34, HLA35, HLA36, HLA37, HLA38, HLA39, HLA40, HLA41, HLA42, HLA43, HLA44, HLA45, HLA46, HLA47, HLA48, HLA49, HLA50, HLA51, HLA52, HLA53, HLA54, HLA55, HLA56, HLA57, HLA58, HLA59, HLA60, HLA61, HLA62, HLA63, HLA64, HLA65, HLA66, HLA67, HLA68, HLA69, HLA70, HLA71, HLA72, HLA73, HLA74, HLA75, HLA76, HLA77, HLA78, HLA79, HLA80, HLA81, HLA82, HLA83, HLA84, HLA85, HLA86, HLA87, HLA88, HLA89, HLA90, HLA91, HLA92, HLA93, HLA94, HLA95, HLA96, HLA97, HLA98, HLA99, HLA100

HLA1 / HLA2 / HLA3 / HLA4 / HLA5 / HLA6 / HLA7 / HLA8 / HLA9 / HLA10 / HLA11 / HLA12 / HLA13 / HLA14 / HLA15 / HLA16 / HLA17 / HLA18 / HLA19 / HLA20 / HLA21 / HLA22 / HLA23 / HLA24 / HLA25 / HLA26 / HLA27 / HLA28 / HLA29 / HLA30 / HLA31 / HLA32 / HLA33 / HLA34 / HLA35 / HLA36 / HLA37 / HLA38 / HLA39 / HLA40 / HLA41 / HLA42 / HLA43 / HLA44 / HLA45 / HLA46 / HLA47 / HLA48 / HLA49 / HLA50 / HLA51 / HLA52 / HLA53 / HLA54 / HLA55 / HLA56 / HLA57 / HLA58 / HLA59 / HLA60 / HLA61 / HLA62 / HLA63 / HLA64 / HLA65 / HLA66 / HLA67 / HLA68 / HLA69 / HLA70 / HLA71 / HLA72 / HLA73 / HLA74 / HLA75 / HLA76 / HLA77 / HLA78 / HLA79 / HLA80 / HLA81 / HLA82 / HLA83 / HLA84 / HLA85 / HLA86 / HLA87 / HLA88 / HLA89 / HLA90 / HLA91 / HLA92 / HLA93 / HLA94 / HLA95 / HLA96 / HLA97 / HLA98 / HLA99 / HLA100

Sterility

HLA1, HLA2, HLA3, HLA4, HLA5, HLA6, HLA7, HLA8, HLA9, HLA10, HLA11, HLA12, HLA13, HLA14, HLA15, HLA16, HLA17, HLA18, HLA19, HLA20, HLA21, HLA22, HLA23, HLA24, HLA25, HLA26, HLA27, HLA28, HLA29, HLA30, HLA31, HLA32, HLA33, HLA34, HLA35, HLA36, HLA37, HLA38, HLA39, HLA40, HLA41, HLA42, HLA43, HLA44, HLA45, HLA46, HLA47, HLA48, HLA49, HLA50, HLA51, HLA52, HLA53, HLA54, HLA55, HLA56, HLA57, HLA58, HLA59, HLA60, HLA61, HLA62, HLA63, HLA64, HLA65, HLA66, HLA67, HLA68, HLA69, HLA70, HLA71, HLA72, HLA73, HLA74, HLA75, HLA76, HLA77, HLA78, HLA79, HLA80, HLA81, HLA82, HLA83, HLA84, HLA85, HLA86, HLA87, HLA88, HLA89, HLA90, HLA91, HLA92, HLA93, HLA94, HLA95, HLA96, HLA97, HLA98, HLA99, HLA100