

Description

AML12,  Alpha Mouse Liver 12,    

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AML12 (Cytion 300643)

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CVCL_0140

GMO-S1: 100% 100% 100% 100% 100% 100% (AML12) 100% 100% TGF- α 100% 100% 100% 100% 100% 100%

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Cell line: AML12

Products TGF α 1 TGF β 1

Media

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L D-glucose, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM Na_2SO_4 , w: 1.2 g/L NaHCO_3 (820400a)

Supplements 10% FBS, 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.

Freeze medium DMEM:Ham's F12 (1:1), w: 3.1 g/L D-glucose, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM Na_2SO_4 , w: 1.2 g/L NaHCO_3 (820400a), 10% FBS, 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin, 10% DMSO

Thawing and Culturing Cells

1. Cells are thawed in a water bath at 37°C. Cells are then added to a flask containing DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.
2. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.
3. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.
4. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.
5. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.
6. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.
7. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.
8. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin. Cells are grown in T25 flasks, 3-5 $\times 10^6$ cells per flask. Cells are grown in 3 flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10 $\mu\text{g}/\text{mL}$ transferrin, 5.5 $\mu\text{g}/\text{mL}$ selenium, 5 $\mu\text{g}/\text{mL}$ insulin, 40 $\mu\text{g}/\text{mL}$ transferrin.

Incubation Atmosphere 37°C, 5% CO_2 , humidified

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Flask Coating

Flask Coating

Freezing Procedure

Freezing Procedure: The cells are frozen in a freezing medium and stored at -78°C.

Shipping Conditions

Shipping Conditions: The cells are shipped in a cooling medium and stored at -78°C.

Storage Conditions

Storage Conditions: The cells are stored in a storage medium at -150 to -196°C.

Cells are delivered in a sterile, cryoprotected state.

Sterility

Sterility: The cells are tested for sterility using PCR and are found to be free of contamination.