

XXXXX HROGas03 | 300437

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Description
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Organism XXXX

Tissue XXXXX

Disease XXXXXXXXXXXXXXX XXXXXXX

XXXXXXXXXXXX

Age 80 XXXXX

Gender XXXXX

Ethnicity XXXXXXXX

Morphology XXXXX XXXXXXX

Growth properties XXXX/XXXXXX

XXXXXXXXXX XXXXXXXXXXXXXXXX

Citation HROGas03 (XXXXX XXXXXXXX Cytion 300437)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_2U70

XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXX

XXXXXXXXXX

Product sheet

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L β -mercaptoethanol, w: 2.5 mM L-ascorbic acid, w: 15 mM HEPES, w: 0.5 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 1.2 g/L NaHCO_3 (820400a)

Supplements β -mercaptoethanol 10% FBS

Dissociation Reagent β -mercaptoethanol

Subculturing Cells are cultured in DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin in T25, 3-5 \times 10⁶ cells per flask. For passaging, cells are trypsinized and seeded into new flasks.

Freeze medium DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 50% FBS + 40% DMSO, CM-1 (Cytion 800100), and 10% $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$.

- Thawing and Culturing Cells**
1. Thaw the vial in a 37°C water bath, and transfer the cells to a 15 mL centrifuge tube.
 2. Centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the pellet in 1 mL of DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin.
 3. Seed the cells into a T25 flask containing 37 mL of DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin.
 4. Allow the cells to attach for 24 hours. Once attached, replace the medium with DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin.
 5. After 24 hours, the medium should be replaced with DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin.
 6. Once the cells are fully attached, the medium should be replaced with DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin.
 7. After 24 hours, the medium should be replaced with DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin.
 8. Once the cells are fully attached, the medium should be replaced with DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 10% FBS, and 1% penicillin-streptomycin.

Incubation Atmosphere 37°C, 5% CO_2 , humidified

Flask Coating β -mercaptoethanol

Freezing Procedure Cells are frozen in DMEM:Ham's F12 (1:1) supplemented with β -mercaptoethanol, 50% FBS + 40% DMSO, CM-1 (Cytion 800100), and 10% $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ at -78°C.

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**Shipping
Conditions**

Store at -78°C

**Storage
Conditions**

Store at -150 to 196°C

HLA

Sterility

PCR and other applications.
Sterile and free of contaminants.