

XXXXXX XXXXXX

XXXXXXXXXXXX



XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXX

OCI-LY1 | 305846

OCI-LY1

Culture Medium	IMDM, w: 4.5 g/L β -mercaptoethanol, w: 4 mM L-glutamine, w: 25 mM HEPES, w: 1.0 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 3.024 g/L NaHCO_3 (Cytion NaHCO_3)
Supplements	Cytion α -MEM 10% FBS Cytion α -MEM
Doubling time	50 days
Seeding density	0.5 $\times 10^6$ cells/ cm^2
Fluid renewal	2 $\times$ 3 times per week
Post-Thaw Recovery	Cells are thawed in a water bath at 37°C and then resuspended in Cytion α -MEM. Cells are then seeded into a 25 cm^2 flask containing 100 mL of Cytion α -MEM. Cells are then allowed to recover for 7 days before being used for experiments.
Freeze medium	Cytion α -MEM, 10% FBS, 10% DMSO (Cytion α -MEM + 10% FBS + 10% DMSO)
Thawing and Culturing Cells	1. Cells are thawed in a water bath at 37°C and then resuspended in Cytion α-MEM. 2. Cells are then seeded into a 25 cm^2 flask containing 100 mL of Cytion α-MEM. 3. Cells are then allowed to recover for 7 days before being used for experiments. 4. Cells are then seeded into a 25 cm^2 flask containing 100 mL of Cytion α-MEM. 5. Cells are then allowed to recover for 7 days before being used for experiments. 6. Cells are then seeded into a 25 cm^2 flask containing 100 mL of Cytion α-MEM. 7. Cells are then allowed to recover for 7 days before being used for experiments. 8. Cells are then seeded into a 25 cm^2 flask containing 100 mL of Cytion α-MEM.
Incubation Atmosphere	37°C, 5% CO_2 , humidified

OCI-LY1 | 305846

Flask Coating

Fluoropolymer

Shipping
Conditions

Store at -78°C

Storage
Conditions

Store at -78°C, 150-196 °C

OCI-LY1 | 305846

Sterility

PCR