

PIEC | 305213

Subculturing 1. 24-well plates: 100 µl per well, 2 wells per condition. 2. 96-well plates: 20 µl per well, 4 wells per condition. 3. 24-well plates: 100 µl per well, 2 wells per condition. 4. 96-well plates: 20 µl per well, 4 wells per condition. 5. Wash cells with PBS. 6. Add 100 µl of fresh medium per well.

Split ratio 1:2 or 1:4

Fluid renewal 2 or 3 times per week

Freeze medium 1. 24-well plates: 100 µl per well, 2 wells per condition. 2. 96-well plates: 20 µl per well, 4 wells per condition. 3. Wash cells with PBS. 4. Add 100 µl of freeze medium per well. 5. Freeze medium: 10% FBS + 10% DMSO.

- Thawing and Culturing Cells**
1. Thaw cells in a 37 °C water bath.
 2. Add 100 µl of fresh medium per well.
 3. Incubate cells for 37 hours.
 4. Wash cells with PBS.
 5. Add 100 µl of fresh medium per well.
 6. Incubate cells for 30 × 3 hours.
 7. Wash cells with PBS.
 8. Add 100 µl of fresh medium per well.

Incubation Atmosphere 37 °C, 5% CO₂

Flask Coating 1. 24-well plates: 100 µl per well, 2 wells per condition. 2. 96-well plates: 20 µl per well, 4 wells per condition.

Freezing Procedure 1. Wash cells with PBS. 2. Add 100 µl of freeze medium per well. 3. Freeze medium: 10% FBS + 10% DMSO. 4. Freeze cells at -80 °C.

Shipping Conditions 1. 24-well plates: 100 µl per well, 2 wells per condition. 2. 96-well plates: 20 µl per well, 4 wells per condition. 3. Freeze cells at -80 °C.

Storage Conditions 1. 24-well plates: 100 µl per well, 2 wells per condition. 2. 96-well plates: 20 µl per well, 4 wells per condition. 3. Freeze cells at -150 to -196 °C.

