

HEK293-HER2 | 305422

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 mM/10% NaHCO₃ (Cytion 820700a)

Supplements FBS 10%, β -mercaptoethanol 1 mM, HEPES 10 mM, NEAA 1% (Cytion 820700a)

Dissociation Reagent Trypsin-EDTA

Subculturing Seed cells into fresh medium at 70-80% confluency. Use PBS for washing.

Split ratio A ratio of 1:2 is recommended for the initial split after thawing. A ratio of 1:5 to 1:10 is recommended for routine culture.

Fluid renewal 2-3 times per week

Post-Thaw Recovery Seed cells into fresh medium at 1:2 or 1:3 ratio. Use T25 flasks for initial recovery.

Freeze medium DMEM (Cytion 820700a) + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw vial in a 37°C water bath.
 2. Add 1 mL cryovial into 10 mL DMEM + 10% FBS.
 3. Centrifuge at 300 x g for 3 min. Remove supernatant.
 4. Resuspend cells in 10 mL DMEM + 10% FBS.
 5. Seed cells into a T25 flask at 70-80% confluency.
 6. Incubate at 37°C in 5% CO₂.
 7. Monitor cell growth and confluency.
 8. Pass cells when reaching 70-80% confluency.

