

HEK293T-HMY-1 | 305145

Tumorigenic

Characteristics

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM sodium pyruvate (Gibco Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 37 hours

Subculturing Cells are harvested by trypsinization and centrifugation. Cells are resuspended in PBS and seeded into T25, 75-100 cm² flasks or 3-litre bioreactors. Cells are grown in DMEM supplemented with 10% FBS.

Freeze medium DMEM supplemented with 10% FBS, 10% DMSO and 10% Cytion 820300a.

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a pre-warmed medium.
 2. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in 10 ml of medium.
 3. Seed cells into a T25 flask or 75-100 cm² flask. Incubate cells at 37°C.
 4. Monitor cell growth and confluency. Harvest cells when they reach 70% confluency.
 5. Seed cells into a 15 cm² or 8 cm² flask.
 6. Seed cells into a 300 x g 3 ml microcentrifuge tube.
 7. Seed cells into a 10 cm² flask.
 8. Seed cells into a 300 x g 3 ml microcentrifuge tube.

Incubation Atmosphere 37°C, 5% CO₂, humidified

