

Product sheet

HEK293T-CPAP | 305081

HEK293T

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

Supplements Cytion 820700a 10% FBS

Dissociation Reagent Cytion 820700a

Doubling time 30 hours

Subculturing Seed cells into fresh medium in 25 cm² flasks (Cytion 820700a) or 75 cm² flasks (Cytion 820700a) in RPMI 1640 medium supplemented with 10% FBS (Cytion 820700a) and 2.0 mM β -mercaptoethanol (Cytion 820700a). For subculturing, use 3-5 ml of medium per flask. Seed cells into fresh medium in 25 cm² flasks (Cytion 820700a) or 75 cm² flasks (Cytion 820700a) in RPMI 1640 medium supplemented with 10% FBS (Cytion 820700a) and 2.0 mM β -mercaptoethanol (Cytion 820700a). For subculturing, use 3-5 ml of medium per flask.

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640 medium supplemented with 10% FBS (Cytion 820700a) + 10% DMSO (Cytion 820700a)

Thawing and Culturing Cells

1. Thaw the cells in a 37°C water bath. Transfer the cells to a 15 ml centrifuge tube and centrifuge at 300 x g for 5 minutes. Resuspend the cells in 10 ml of fresh medium.
2. Seed the cells into a 25 cm² flask (Cytion 820700a) or a 75 cm² flask (Cytion 820700a) in RPMI 1640 medium supplemented with 10% FBS (Cytion 820700a) and 2.0 mM β -mercaptoethanol (Cytion 820700a).
3. Incubate the cells at 37°C in 5% CO₂ atmosphere. Monitor the cells for confluency.
4. Once the cells are confluent, harvest the cells by trypsinization (Cytion 820700a) and seed them into fresh medium.
5. For long-term storage, seed the cells into fresh medium in 25 cm² flasks (Cytion 820700a) or 75 cm² flasks (Cytion 820700a) in RPMI 1640 medium supplemented with 10% FBS (Cytion 820700a) and 2.0 mM β -mercaptoethanol (Cytion 820700a).
6. Harvest the cells by trypsinization (Cytion 820700a) and seed them into fresh medium.
7. For long-term storage, seed the cells into fresh medium in 25 cm² flasks (Cytion 820700a) or 75 cm² flasks (Cytion 820700a) in RPMI 1640 medium supplemented with 10% FBS (Cytion 820700a) and 2.0 mM β -mercaptoethanol (Cytion 820700a).
8. Harvest the cells by trypsinization (Cytion 820700a) and seed them into fresh medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified

