

HEK293FT | 305275

Viruses Adenovirus-5, Adenovirus 40 (SV40)

HEK293FT

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 β-mercaptoethanol (Cytion 820300a)

Supplements 10% FBS.

Dissociation Reagent Trypsin

Subculturing Seed cells into 25 cm² flasks in DMEM + 10% FBS. For passage 1, use 10⁶ cells. For passage 2, use 10⁷ cells. For passage 3, use 10⁸ cells.

Seeding density 2 x 10⁵ - 1 x 10⁶ cells

Fluid renewal 2-3 times per week

Freeze medium DMEM + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw the vial in a 37°C water bath. Transfer the cells to a 15 mL centrifuge tube containing 10 mL of DMEM + 10% FBS.
2. Centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 mL of DMEM + 10% FBS.
3. Seed the cells into a 25 cm² flask. Incubate at 37°C in 5% CO₂.
4. Monitor cell growth. Once cells reach 70% confluency, perform a passage.
5. Harvest cells by trypsinization. Seed into 15 cm² flasks at 10⁶ cells per flask.
6. Harvest cells by trypsinization. Seed into 25 cm² flasks at 10⁷ cells per flask.
7. Harvest cells by trypsinization. Seed into 10 cm² flasks at 10⁸ cells per flask.
8. Harvest cells by trypsinization. Seed into 25 cm² flasks at 10⁸ cells per flask.

Product sheet

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Incubation Atmosphere 37°C, 5% CO₂, α -MEM, 10% FCS

Flask Coating Poly-D,L-lysine, α -MEM, 10% FCS

Freezing Procedure Harvest cells into 15ml centrifuge tubes, centrifuge at 300g for 5 min, resuspend in freezing medium (DMEM, 10% FCS, 10% DMSO) and freeze at -78°C

Shipping Conditions Cells should be shipped on dry ice at -78°C

Storage Conditions Cells should be stored at -150 °C in 196 liquid nitrogen

HEK293FT / HEK293FT / HLA

Sterility HEK293FT cells are free of mycoplasma contamination. PCR screening for mycoplasma contamination is recommended. HEK293FT cells are free of endotoxins. HEK293FT cells are free of mycoplasma contamination. HEK293FT cells are free of endotoxins.