

HEK293T SNU-719 | 305636

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Mutational profile CTNNB1, p.Gly34Val (c.101G>T), MET, p.Asp153Ala (c.458A>C), p.Pro104Arg (c.311C>G)

HEK293T

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

Supplements 10% FBS

Dissociation Reagent Trypsin

Doubling time 43 hours

Subculturing Seed cells into fresh medium at 0.25% confluency. Add 0.02% EDTA. Seed into 37°C incubator.

Fluid renewal 2-3 times per week

Freeze medium DMEM (10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath. Transfer cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 3 minutes. Remove supernatant and resuspend cells in 10 mL of fresh medium.
2. Seed cells into a T25 flask at 0.25% confluency. Incubate at 37°C with 5% CO₂.
3. Once cells reach 70% confluency, seed into a T75 flask at 0.25% confluency.
4. Seed cells into a T175 flask at 0.25% confluency.
5. Seed cells into a T250 flask at 0.25% confluency.
6. Seed cells into a T500 flask at 0.25% confluency.
7. Seed cells into a T750 flask at 0.25% confluency.
8. Seed cells into a T1000 flask at 0.25% confluency.

