

HEK293T-MHCC-97H | 305442

Viruses **Adenovirus**: Adenovirus B (HBV)

Mutational profile **BRD7**, p.Glu277Glyfs*18 (c.830_831delAG); **KEAP1**, p.Pro445Glnfs*13 (c.1334delC); **TP53**, p.Glu51Ter (c.151G>T)

HEK293T

Culture Medium DMEM, w: 4.5 g/L **Glucose**, w: 4 mM L-**Glutamine**, w: 3.7 g/L NaHCO₃, w: 1.0 mM **β-mercaptoethanol** (**β-mercaptoethanol** Cytion 820300a)

Supplements **Fetal Bovine Serum** 10% FBS

Dissociation Reagent **Trypsin**

Subculturing **Seeding** **HEK293T** **cells** **into** **flasks** **coated** **with** **poly-D-lysine** **in** **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol**. **After** **24** **hours** **of** **incubation** **at** **37°C** **and** **5% CO₂**, **the** **cells** **are** **trypsinized** **and** **seeded** **into** **new** **flasks** **at** **1.5** **×** **10⁴** **cells** **per** **cm²**.

Seeding density 1.5 × 10⁴ cells/cm²

Freeze medium **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol**, **supplemented** **with** **10% DMSO** **and** **10% FBS** **and** **1.0 mM β-mercaptoethanol**.

Thawing and Culturing Cells

1. **Thaw** **the** **cells** **in** **the** **freezing** **medium** **at** **37°C** **and** **5% CO₂** **until** **the** **cells** **are** **completely** **thawed**.
2. **Transfer** **the** **cells** **into** **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol** **in** **flasks** **coated** **with** **poly-D-lysine** **at** **1.5** **×** **10⁴** **cells** **per** **cm²**.
3. **Incubate** **the** **cells** **for** **24** **hours** **at** **37°C** **and** **5% CO₂** **until** **the** **cells** **are** **confluent**.
4. **Remove** **the** **medium** **and** **replace** **it** **with** **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol**.
5. **Remove** **the** **medium** **and** **replace** **it** **with** **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol** **at** **1.5** **×** **10⁴** **cells** **per** **cm²**.
6. **Remove** **the** **medium** **and** **replace** **it** **with** **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol** **at** **1.5** **×** **10⁴** **cells** **per** **cm²**.
7. **Remove** **the** **medium** **and** **replace** **it** **with** **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol** **at** **1.5** **×** **10⁴** **cells** **per** **cm²**.
8. **Remove** **the** **medium** **and** **replace** **it** **with** **DMEM** **containing** **10% FBS** **and** **1.0 mM β-mercaptoethanol** **at** **1.5** **×** **10⁴** **cells** **per** **cm²**.

