

Product sheet

HROC309 | 300837

General Information

Description	Cell line derived from a patient with colorectal adenocarcinoma (PD Dr. Michael Linnebacher)
Organism	Human
Tissue	Colorectal adenocarcinoma
Disease	Colorectal adenocarcinoma, TNM T3N0M0R0L0V1, G2, Lk(n) +0, Σ Lk(n) 23

Patient Information

Age	86 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification

Citation	HROC309 (Cytion 300837)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1U95

Genetic and Molecular Characteristics

Tumorigenic	Yes, in nude mice
Viruses	SV40, JC/BK, HBV, HCV, HIV
MSI-status	MSS

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XXXX HROC309 | 300837

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Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXXXX, w: 2.5 mM L-XXXXXXX, w: 15 mM HEPES, w: 0.5 mM XXXX XXXXXXXX, w: 1.2 g/L NaHCO3 820400a)
Supplements	XXXX XXXXXX 10% FBS
Dissociation Reagent	XXXXXX
Doubling time	30 XXXX
Subculturing	XXXX XX XXXXXXX XXXX XXXXXXX XXXXXXX XXXXXXX XXXX X-PBS XXX XXXX XXXXXXX XXXX XXXXXXX T25, XXXXX X-3-5 X' X-PBS, XXXXX XXXX 3 XXXX. XXXXX XX XXXXXXX XXXXXXX, XXXXX XX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXXX XXXXXXX XXXXXXX XXXX XXXXXXX XXXXXXX XXXX
Seeding density	2×10^4 ^{"/} XXXX/XX
Fluid renewal	XX 3 XX 5 XXXX
Post-Thaw Recovery	1 XX 2 XXXXXXX
Freeze medium	XXXXXXXX XXXXXXX XXXXXXX, XXXX XXXXXXX XXXXXXX XXXXXXX XXXX (XXXXX FBS) + 10% DMSO XXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX, XX C

HEK293T HROC309 | 300837

Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath, and transfer the cells to a pre-warmed T25 flask containing 5 ml of complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.
3. Seed the cells into a 96-well plate (100,000 cells per well) and incubate at 37°C in 5% CO₂ until they reach 70-80% confluency.
4. Harvest the cells by trypsinization and resuspend in 10 ml of complete DMEM medium.
5. Seed the cells into a T25 flask (150,000 cells) and incubate at 37°C in 5% CO₂ until they reach 70-80% confluency.
6. Harvest the cells by trypsinization and resuspend in 3 ml of complete DMEM medium.
7. Seed the cells into a 96-well plate (10,000 cells per well) and incubate at 37°C in 5% CO₂ until they reach 70-80% confluency.
8. Harvest the cells by trypsinization and resuspend in 100 µl of complete DMEM medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Cell culture medium

Freezing Procedure Harvest cells by trypsinization and resuspend in 1 ml of freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for up to 196 weeks.

HEK293T / HEK293T / HLA

Sterility The cells are free of mycoplasma contamination. PCR confirmed.