

Product sheet

HROC126 | 300804

General information

Description	Cell line derived from a patient with a primary tumor (PD Dr. Michael Linnebacher)
Organism	Human
Tissue	Colon, UICC IIIa
Disease	Colorectal adenocarcinoma, TNM T3N1M0R0L1V1, G2, G3, Lk(n) +2, Σ Lk(n) 15

Personal data

Age	58 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	HROC126 (Cytion 300804)
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1D12

Characterization and special features

Tumorigenic	Yes, in nude mice
Viruses	SV40, JC/BK, HBV, HCV, HIV.
Ploidy status	Diploid

Product sheet

XXXXHROC126 | 300804

MSI-status	MSS
Mutational profile	K-Raswt, B-Rafwt
XXXXXX	
Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXXX, w: 2.5 mM L-XXXXXXX, w: 15 mM HEPES, w: 0.5 mM XXXX XXXXXXX, w: 1.2 g/L NaHCO3 820400a)
Supplements	XXXX XXXXX 10% FBS
Dissociation Reagent	XXXXXX
Doubling time	30 XXXX
Subculturing	XXXX XX XXXXXXX XXXX XXXXXXX XXXXXXX XXXXX XXXX X-PBS XXX XXXX XXXXXXX. XXXX XXXXXXXT25, XXXXX X-3-5 X' X-PBS, XXXXX XXXX 3 XXXX. XXXX XX XXXXXXX XXXXXXX, XXXX XX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXXX XXXXXXX XXXXXXX XXXX.
Seeding density	2×10^4 ^{"/} XXXX/XX
Fluid renewal	XX 3 XX 5 XXXXX
Post-Thaw Recovery	XXXX XXXX
Freeze medium	XXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXX XXX (XXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX, XX C

HEK293T HROC126 | 300804

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 for 24 hours to allow the cells to attach to the flask.
3. After 24 hours, the cells should be visible on the flask. If the cells do not attach, try to use a different flask or medium.
4. Once the cells are attached, replace the medium with fresh complete DMEM medium.
5. After 24 hours, the cells should be visible on the flask. If the cells do not attach, try to use a different flask or medium.
6. Once the cells are attached, replace the medium with fresh complete DMEM medium.
7. After 24 hours, the cells should be visible on the flask. If the cells do not attach, try to use a different flask or medium.
8. Once the cells are attached, replace the medium with fresh complete DMEM medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Not required

Freezing Procedure Harvest cells into a 15 ml falcon tube, centrifuge at 300 x g for 3 min, remove supernatant, resuspend in freezing medium, and freeze at -80°C.

Shipping Conditions Store at -80°C

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

HEK293T / HEK293T / HLA

Sterility The cells are provided in a sterile, cryoprotected medium. The cells are not tested for mycoplasma contamination. The cells are not tested for endotoxin contamination.