

HROC383 | 300873

General information

Description	Cell line derived from a patient with colorectal cancer (PD Dr. Michael Linnebacher) 1
Organism	Human
Tissue	Colorectal cancer
Disease	Colorectal cancer, TNM T3N0M0R0L0V0, G3, Lk(n) + 0, Σ Lk(n) 39
Metastatic site	Colorectal cancer (TNM T3N0M0; 2)
Applications	CRC; MSI-H 3 BRAF; HROC Linnebacher; 4 5

Cell characteristics

Age	83 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Cell type	Colorectal cancer
Growth properties	6

Identification and documentation

Citation	HROC383 (7 Cytion 300873)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_VQ99
GMO Status	Colorectal cancer, TNM T3N0M0R0L0V0, G3, Lk(n) + 0, Σ Lk(n) 39 (HROC Linnebacher). 8

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Cell Line HROC383 - **Cell Line** HROC383

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

Mutational profile	BRAF
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Cell Line

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L Glucose , w: 2.5 mM L- Glutamine , w: 15 mM HEPES, w: 0.5 mM Calcium , w: 1.2 g/L NaHCO ₃ 820400a)
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Supplements	Glucose 10% FBS
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Dissociation Reagent	Trypsin
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Subculturing	Cells are grown in DMEM:Ham's F12 (1:1) supplemented with Glucose 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with Glucose 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with Glucose 10% FBS.
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Seeding density	1 x 10 ⁴ cells/cm ²
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Fluid renewal	2 x 3 Glucose 10% FBS
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Post-Thaw Recovery	2 x 4 Glucose
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Freeze medium	Glucose 10% FBS, Glucose 10% FBS (10% FBS) + 10% DMSO Glucose 10% FBS
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**Thawing and
Culturing Cells**

1. XXXX XXXXXXXXXX XXXX XXXX XXXXXXXXXX XXX XXXXXXXXXX, XXX XXXXXXXXXX XXXXXXXXXX XXXX XXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
2. XXX XXXXX XXXXXXXXXX, XXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX -150°C XXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX, XXX XXXXXXXXXX
3. XXXXXXX XXXXXXX XXXXXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXX 37 XXXXXXX XXXXXXXXXX XXX XXX XXXXXXXXXX
4. XXX XXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX, XXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX 70% XXXXXXX XXXXXXXXXX
5. XXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX 15 μl XXXXXXXXXX 8 μl XXX XXX XXXXXXXXXX XXXXXXXXXX
6. XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX-300 x g XXXXXXXXXX 3 XXXXXXX XXX XXXXXXXXXX XXX XXXXXXXXXX, XXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX
7. XXXXXXX XXXXXXXXXX XXX XXXXXXX XXXXXXXXXX XXX-10 μl XXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX, XXXXXXX XXX XXXXXXXXXX XXX XXX XXXXXXXXXX XXXXXXXXXX T2
8. XXXXXXXXXX XXX XXXXXXXXXX XXX-XXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXX XXXXXXXXXX, XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX

**Incubation
Atmosphere**

37°C, 5%_{CO2}, XXXXXXXXXX XXXX

Flask Coating

XXX XXXX

**Freezing
Procedure**

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**Shipping
Conditions**

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**Storage
Conditions**

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Sterility

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A*: 02:01:01
B*: '07:XX, '15:01:01
C*: '03:03:01, '07:02:01
DRB1*: 04:04:01, 14:54:01
DQA1*: '01:04:01, '03:01:01
DQB1*: 03:02:01, 05:03:01
DPB1*: '04:01:01G, '06:01:01G
E: '01:01:01, '01:03:02