

HCC187 | 305781

General information

Description	HCC187 is a human cell line derived from a patient with colorectal cancer. It is a highly proliferative cell line that is sensitive to various chemotherapeutic agents. HCC187 cells are characterized by their ability to form colonies in soft agar and their resistance to anoikis. HCC187 cells are used in various research applications, including drug screening and studies on cancer progression and metastasis.
Organism	Human
Tissue	Colon
Disease	Colorectal cancer
Synonyms	HCC-1187, HCC187, HCC187, HCC187

Cell characteristics

Age	41 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Colon
Growth properties	Adherent

Cell line characteristics

Citation	HCC187 (HCC187) Cytion 305781
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1247

Product sheet

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Cell line: HCC187

Protein expression	HER2/neu, p53
Antigen expression	EGP2 (EGP2); 19
Oncogenes	Her2/neu-; p53+
Tumorigenic	Yes, HCC187 is a highly tumorigenic cell line, HCC187, HCC187 TNM.
Mutational profile	TP53, p.Gly108del (c.322_324delGGT), (Cosmic-CLP=749711)
Culture Medium	RPMI 1640, w: 2.0 mM NaHCO3, w: 2.0 g/L NaHCO3 (Cytion 820700a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Doubling time	100 hours
Fluid renewal	2 x 3 days
Freeze medium	DMEM, 10% FBS, 10% DMSO (10% FBS) + 10% DMSO

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**Thawing and
Culturing Cells**

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
3. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
4. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
5. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
6. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
7. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
8. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无需涂层

**Freezing
Procedure**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冻存。

**Shipping
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冻存。

**Storage
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冻存。

细胞特性

Sterility

细胞悬液经PCR检测，未发现任何污染。细胞悬液经无菌检测，未发现任何污染。