

ETK-1 | 305529

Cell line

Description	ETK-1 is a human cell line derived from a patient with Intrahepatic Cholangiocarcinoma (IHCCA). It is characterized by the presence of the ETK-1 gene, which encodes the protein γ-glutamyl transpeptidase (GGT). The cell line is highly sensitive to the drug ETK-1, which inhibits the activity of GGT. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS. The cell line is highly sensitive to the drug ETK-1, which inhibits the activity of GGT. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS.
Organism	Human
Tissue	Cholangiocarcinoma
Disease	Intrahepatic Cholangiocarcinoma (IHCCA)
Metastatic site	Cholangiocarcinoma
Synonyms	ETK1

Cell line

Age	61 years
Gender	Male
Ethnicity	Chinese
Growth properties	Adherent

Cell line

Citation	ETK-1 (Cell line) Cytion: 305529
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1206

XIX

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Freeze medium $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$ + 10% DMSO $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$ × $\frac{1}{10}$

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Thawing and
Culturing Cells

1. Thaw the cells as quickly as possible in a water bath at 37 °C. Gently mix the cells and transfer them to a sterile tube.
2. Dilute the cells in a suitable volume of culture medium. Centrifuge at 150 x g for 5 minutes at 4 °C.
3. Resuspend the cells in a suitable volume of culture medium. Incubate at 37 °C for 24 hours.
4. Seed the cells in a suitable volume of culture medium. Incubate at 37 °C for 24 hours.
5. Seed the cells in a suitable volume of culture medium. Incubate at 37 °C for 24 hours.
6. Seed the cells in a suitable volume of culture medium. Incubate at 37 °C for 24 hours.
7. Seed the cells in a suitable volume of culture medium. Incubate at 37 °C for 24 hours.

Incubation
Atmosphere

37 °C, 5% CO₂, humidified

Shipping
Conditions

Shipped at -78 °C in dry ice

Storage
Conditions

Store at -150 °C to -196 °C

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