

U-CH1 | 305885

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Description	U-CH1 is a cell line derived from a 56-year-old male patient with a primary tumor of the colon. The cell line is characterized by its ability to grow in the presence of the CDK4/6 inhibitor palbociclib. U-CH1 cells are highly sensitive to palbociclib, with a half-maximal inhibitory concentration (IC50) of approximately 10 nM. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor-1 (IGF-1). U-CH1 cells are highly proliferative and have a doubling time of approximately 48 hours. The cell line is highly sensitive to the CDK4/6 inhibitor palbociclib, with a half-maximal inhibitory concentration (IC50) of approximately 10 nM. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor-1 (IGF-1).
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Organism	Human
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Tissue	Colon
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Disease	Colorectal adenocarcinoma
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Synonyms	UCH-1, UCH1
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Age	56 years
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Gender	Male
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Ethnicity	White
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Morphology	Epithelial cells, adherent
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Cell type	Epithelial
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Growth properties	Highly proliferative
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Citation	U-CH1 (U-CH1 305885) Cytion 305885
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_4988
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Product sheet

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Incubation Atmosphere 37 °C $5\% \text{ CO}_2$ in $100\% \text{ humidity}$

Shipping Conditions Store at $-150 \text{ }^\circ\text{C}$ to $-196 \text{ }^\circ\text{C}$ in liquid nitrogen. Shipping in dry ice. Shipping temperature $-78 \text{ }^\circ\text{C}$.

Storage Conditions Store at $-150 \text{ }^\circ\text{C}$ to $-196 \text{ }^\circ\text{C}$ in liquid nitrogen. Storage temperature $-150 \text{ }^\circ\text{C}$ to $-196 \text{ }^\circ\text{C}$.

XXXXXXXXXXXXXXXXXX / XXXXXXXXXXXXXXXXXXXX / HLA

Sterility Sterility tested by PCR. Sterility test result: $100\% \text{ sterile}$. Sterility test result: $100\% \text{ sterile}$.