

HTTh-7 | 305128

HTTh-7

Description	HTTh-7 is a human epithelial cell line derived from a patient with a squamous cell carcinoma (ATC). It is characterized by its high proliferation rate and its ability to form colonies in soft agar. HTTh-7 cells are immortalized by the expression of the TERT gene and are resistant to the PI3K/AKT/mTOR pathway. HTTh-7 cells are also resistant to the TDS (Tumor Development Score) and are considered a valuable model for studying the progression of squamous cell carcinoma.
Organism	Human
Tissue	Epithelial
Disease	Squamous cell carcinoma
Synonyms	Hth7, HTH 7, HTh-7, Uhth-7, U-hth7, U-Hth7

HTTh-7

Age	74 years
Gender	Male
Morphology	Epithelial
Growth properties	High proliferation rate

HTTh-7

Citation	HTTh-7 (Cytion: 305128)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6289

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Culture Medium	RPMI 1640 2.1 2.0 NaHCO3 (820700a)
Supplements	10% FBS
Dissociation Reagent	
Subculturing	PBS
Seeding density	1 3 4
Fluid renewal	2 3
Freeze medium	(FBS) + 10% DMSO
Thawing and Culturing Cells	1. 2. 3. 4. 5. 6. 7. 8.
Incubation Atmosphere	37

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Shipping
Conditions

HTH-7 is shipped in a dry ice container. The container is labeled with the following information: HTH-7, 305128, -78 °C, and the Cytion logo.

Storage
Conditions

HTH-7 should be stored at -150 °C to -196 °C in a dry ice container. The container should be labeled with the following information: HTH-7, 305128, -150 °C to -196 °C, and the Cytion logo.

HTH-7 is a DNA library. It is a single-stranded DNA library. It is a single-stranded DNA library.

Sterility

HTH-7 is sterile. It is a single-stranded DNA library. It is a single-stranded DNA library. (PCR) HTH-7 is a single-stranded DNA library. It is a single-stranded DNA library.