

Product sheet

**Hs-746T | 305121**

**General Information**

**Description** Hs-746T is a cell line derived from a 74-year-old male patient with metastatic melanoma. The cell line is characterized by its ability to form spheroids in suspension culture and its high tumorigenicity in nude mice. It is a highly proliferative cell line with a doubling time of approximately 24 hours. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin. It is a highly tumorigenic cell line with a doubling time of approximately 24 hours. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin.

**Organism** Human

**Tissue** Melanoma

**Disease** Metastatic melanoma

**Metastatic site** Lung, Liver, Brain

**Synonyms** Hs 746T, HS 746T, Hs 746.T, HS-746T, Hs746T, HS746T, Hs746-T, 746T

**Cell Line Characteristics**

**Age** 74 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent

**Documentation**

**Citation** Hs-746T (Cytion 305121)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0333

**HEK293T-Hs-746T | 305121**

HEK293T-Hs-746T-305121

HEK293T

**Culture Medium** DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO<sub>3</sub>, w: 1.0 mM sodium pyruvate (all from Cytion 820300a)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** Seed cells into 25 cm<sup>2</sup> flasks in DMEM + 10% FBS. Once cells reach 70-80% confluency, dissociate cells using trypsin. Seed cells into new flasks in DMEM + 10% FBS.

**Fluid renewal** 2-3 times per week

**Freeze medium** DMEM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw vials in a 37°C water bath. Transfer cells to a 15 mL centrifuge tube containing 10 mL DMEM + 10% FBS. Centrifuge at 300 x g for 3 minutes. Resuspend cells in 10 mL DMEM + 10% FBS.
  2. Seed cells into a 25 cm<sup>2</sup> flask in DMEM + 10% FBS. Incubate at 37°C in 5% CO<sub>2</sub>.
  3. Once cells reach 70-80% confluency, dissociate cells using trypsin. Seed cells into new flasks in DMEM + 10% FBS.
  4. Seed cells into a 25 cm<sup>2</sup> flask in DMEM + 10% FBS. Incubate at 37°C in 5% CO<sub>2</sub>.
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  7. Seed cells into a 25 cm<sup>2</sup> flask in DMEM + 10% FBS. Incubate at 37°C in 5% CO<sub>2</sub>.
  8. Seed cells into a 25 cm<sup>2</sup> flask in DMEM + 10% FBS. Incubate at 37°C in 5% CO<sub>2</sub>.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

