

Cell Culture | HSC-T6 | 305199

General Information

Description	<p>Cell Culture HSC-T6 (Human Schwannoma Cell Line) is a cell line derived from a human schwannoma. It is a neurofibrosarcoma cell line that grows in suspension culture. The cells are characterized by their ability to form neurofibrosarcomas in nude mice. HSC-T6 cells are positive for markers such as S-100, GFAP, and α-SMA.</p>
Organism	Human
Tissue	Neurofibrosarcoma
Synonyms	HSCT6

Characteristics

Breed/Subspecies	Human
Age	Adult
Gender	Male
Morphology	Epithelial
Growth properties	Adherent

References and Safety

Citation	HSC-T6 (Cell Culture) Cytion 305199
Biosafety level	1
NCBI_TaxID	10116
CellSaurusAccession	CVCL_0315

Additional Information

Notes

Product sheet

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Culture Medium DMEM, w: 4.5 g/L β -glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM β -mercaptoethanol (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into new flasks at a density of 1-2 x 10⁵ cells per flask.

Split ratio 1:2 to 1:4

Fluid renewal 2-3 times per week

Freeze medium DMEM supplemented with 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a 37°C water bath.
2. Dilute cells into DMEM supplemented with 10% FBS.
3. Seed cells into a flask.
4. Incubate cells in a 37°C incubator.
5. Monitor cell growth.
6. Subculture cells when they reach 70% confluency.
7. Use cells for experiments.
8. Store cells in liquid nitrogen.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Adherent

