

Cellular C643 | 300298

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Description Cellular C643 is a cell line established from a patient with a diagnosis of PTC, FTC & ATC. It is characterized by its morphology and growth properties. Cellular C643 is a cell line established from a patient with a diagnosis of PTC, FTC & ATC. It is characterized by its morphology and growth properties. Cellular C643 is a cell line established from a patient with a diagnosis of PTC, FTC & ATC. It is characterized by its morphology and growth properties.

Organism Human

Tissue Thyroid gland

Disease Papillary thyroid carcinoma

Synonyms C 643, C-643, c643

Cellular C643

Age 76 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial cells

Growth properties Adherent, epithelial

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Citation C643 (Cellular C643 Cytion 300298)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_5969

Product sheet

HEK293T C643 | 300298

HEK293T C643 - HEK293T-1

Tumorigenic No, non-tumorigenic

HEK293T

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in 10% FBS RPMI 1640 medium with β -mercaptoethanol in T25, 75-100 cm² flasks, or 3-5 96-well plates. Cells are passaged by trypsinization and replating into fresh medium.

Seeding density 1×10^4 cells/cm² in T25 flasks, 3-5 96-well plates

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed in a 37°C water bath and immediately transferred to a pre-warmed medium. Cells are cultured in 10% FBS RPMI 1640 medium with β -mercaptoethanol for 24 hours before use.

Freeze medium RPMI 1640 medium with β -mercaptoethanol, 10% FBS, 10% DMSO (Cytion FBS) + 10% DMSO

