

HROC334 | 300850

General information

Description	Cell line derived from a 69-year-old male patient with a primary tumor of the prostate (PD Dr. Michael Linnebacher) [1].
Organism	Human
Tissue	Prostate, UICC Iia, TNM T3N0M0R0L0V0, G2, Lk(n) +0, Σ Lk(n) 40
Disease	Prostate cancer

Characteristics

Age	69 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

Identification and documentation

Citation	HROC334 (Cell line Cytion 300850)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D18

Genetic and molecular data

Protein expression	PTEN
Tumorigenic	Yes, in nude mice

Product sheet

HEK293T HROC334 | 300850

Viruses	HEK293T cells are susceptible to SV40, JC/BK, HBV, HCV, HIV.
MSI-status	MSS
Mutational profile	K-Raswt, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt
HEK293T	
Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L Glucose, w: 2.5 mM L-Glutamine, w: 15 mM HEPES, w: 0.5 mM Sodium Pyruvate, w: 1.2 g/L NaHCO3 820400a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Doubling time	29 hours
Subculturing	HEK293T cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are seeded in T25 flasks, 3-5 x 10^5 cells per flask. Cells are grown to confluence and then split into new flasks. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
Seeding density	2 x 10^4 cells/cm^2
Fluid renewal	3-5 days
Post-Thaw Recovery	1-2 weeks
Freeze medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L Glucose, w: 2.5 mM L-Glutamine, w: 15 mM HEPES, w: 0.5 mM Sodium Pyruvate, w: 1.2 g/L NaHCO3 820400a) + 10% FBS + 10% DMSO

Flask Coating ☒☒ ☒☒☒

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