

HEK293T/17 | 305117

HEK293T/17

Description HEK293T/17 is a derivative of HEK293, which is a cell line derived from HEK293 cells. HEK293T/17 is a derivative of HEK293 cells that has been adapted to grow in suspension culture. HEK293T/17 cells are characterized by their ability to express and secrete recombinant proteins. HEK293T/17 cells are commonly used in the production of recombinant proteins and in the study of gene expression and protein function.

Organism HEK293T/17

Tissue HEK293T/17

Applications HEK293T/17 cells are commonly used in the production of recombinant proteins and in the study of gene expression and protein function.

Synonyms HEK293T/17, HEK-293T/17, HEK 293T/17

HEK293T/17

Age HEK293T/17

Gender HEK293T/17

Morphology HEK293T/17

Growth properties HEK293T/17

HEK293T/17

Citation HEK293T/17 (HEK293T/17 Cytion 305117)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1926

GMO Status GMO-S1: HEK293T/17 cells are derived from HEK293 cells, which are a derivative of HEK293 cells. HEK293T/17 cells are commonly used in the production of recombinant proteins and in the study of gene expression and protein function.

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Antigen expression SV40 T

Viruses SV40 (SV40 SV40 T)

HEK293T

Culture Medium DMEM, w: 4.5 g/L Glucose, w: 4 mM L-Glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM Sodium Pyruvate (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into T25, T75 or 150 cm² flasks. Add 3 ml of medium. Incubate at 37°C, 5% CO₂.

Fluid renewal 2-3 times per week

Freeze medium DMEM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath. Add 3 ml of DMEM + 10% FBS to a T25 flask.
 2. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in 1 ml of DMEM + 10% FBS.
 3. Seed cells into a T25 flask. Incubate at 37°C, 5% CO₂.
 4. Once cells reach 70% confluency, perform a split.
 5. Seed cells into a T75 flask. Incubate at 37°C, 5% CO₂.
 6. Once cells reach 70% confluency, perform a split.
 7. Seed cells into a 150 cm² flask. Incubate at 37°C, 5% CO₂.
 8. Once cells reach 70% confluency, perform a split.

Product sheet

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Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture grade, non-adhesive, non-toxic

Freezing Procedure Harvest cells into 10-15% FBS serum, centrifuge at 300g for 5 min, resuspend in freezing medium, aliquot into 1ml vials, store at -78°C

Shipping Conditions Dry ice, -78°C

Storage Conditions -150 to -196 °C, long-term storage

HEK293T/17 / HEK293T/17 / HLA

Sterility Sterile, PCR negative, mycoplasma free