

HEK293T/17 | 305117

Description	HEK293T/17 is a derivative of HEK293 cells, which are a human embryonic kidney cell line transformed by a strain of SV40. HEK293T/17 cells are characterized by their high transfection efficiency and ability to produce recombinant proteins. They are commonly used in molecular biology and biotechnology for the production of recombinant proteins and viral vectors.
Organism	Human
Tissue	Embryonic kidney
Applications	Production of recombinant proteins, viral vectors, and cell-based assays.
Synonyms	HEK293, HEK293T, HEK293T/17
Age	Primary
Gender	Male
Morphology	Epithelial
Growth properties	Adherent
Citation	HEK293T/17 (ATCC CRL-11907) 305117
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1926
GMO Status	GMO-S1: HEK293T/17 cells are derived from a human embryonic kidney cell line transformed by a strain of SV40.

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Antigen expression SV40 T

Viruses SV40 (SV40 SV40 T)

Culture Medium DMEM 4.5 g/l Glucose 4 mM L-Glutamine 3.7 g/l NaHCO₃ 1.0 mM Sodium Pyruvate (820)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Fluid renewal 2-3

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm² flask.
 6. Seed cells into a 300 x 3 cm² flask.
 7. Seed cells into a 10 cm² flask.
 8. Seed cells into a 300 x 3 cm² flask.

