



Product sheet

HEK293 | 300192

HEK293-1

<b>Receptors expressed</b>	
<b>Protein expression</b>	CEA, p53
<b>Tumorigenic</b>	
<b>Virus susceptibility</b>	Adenovirus DNA, SV40 DNA
<b>Ploidy status</b>	30% HEK293, 64% HEK293, 4.2% HEK293

HEK293

<b>Culture Medium</b>	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO <sub>3</sub> , w: EBSS (Cytion 820100a)
<b>Supplements</b>	10% FBS, 1% NEAA
<b>Dissociation Reagent</b>	
<b>Doubling time</b>	30
<b>Subculturing</b>	1:3-5 in PBS, T25, 3-5 in PBS, 3-5 in PBS
<b>Seeding density</b>	1 x 10 <sup>4</sup> cells/cm <sup>2</sup>
<b>Fluid renewal</b>	
<b>Post-Thaw Recovery</b>	24
<b>Freeze medium</b>	10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial immediately in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed T25 flask containing 5 ml of complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO<sub>2</sub> for 24 hours. After 24 hours, check the cell density. If the cells are not well attached, add another 5 ml of complete DMEM medium.
3. Once the cells are well attached, split the cells into two T25 flasks. Add 10 ml of complete DMEM medium to each flask.
4. After 24 hours, check the cell density. If the cells are not well attached, add another 5 ml of complete DMEM medium.
5. Once the cells are well attached, split the cells into two T25 flasks. Add 10 ml of complete DMEM medium to each flask.
6. After 24 hours, check the cell density. If the cells are not well attached, add another 5 ml of complete DMEM medium.
7. Once the cells are well attached, split the cells into two T25 flasks. Add 10 ml of complete DMEM medium to each flask.
8. After 24 hours, check the cell density. If the cells are not well attached, add another 5 ml of complete DMEM medium.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified air

**Flask Coating** None

**Freezing Procedure** Harvest cells by trypsinization. Resuspend cells in 1 ml of freezing medium. Aliquot into 1 ml vials. Store at -80°C.

**Shipping Conditions** Store at -80°C. Ship on dry ice.

**Storage Conditions** Store at -150°C for up to 196 days.

HEK293 / HEK293T / HLA

**Sterility** The cells are free of mycoplasmas and PCR detectable viruses. The cells are free of endotoxins.

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HLA

**A\***: 03:01:01

**B\***: 07:02:01

**C\***: 07:02:01

**DRB1\***: 15:01:01

**DQA1\***: 01:02:01

**DQB1\***: 06:02:01

**DPB1\***: 04:01:01

**E**: 01:03:02