

HEK293 | 300192

Description	Accession	Length	GC	Strand	Author	Species	Gene	Feature	Notes
HEK293	20	70	-	Alex van der Eb	HEK293	HEK293	HEK293	HEK293	HEK293
HEK293	5	DNA	E1A	E1B	DNA	DNA	DNA	DNA	DNA
HEK293					HEK 293				
HEK293									
HEK293					HEK293	HEK293T			

Organism

Tissue

Applications

Synonyms	Hek293	HEK-293	HEK/293	HEK 293	HEK,293	293	293 HEK	293 Ad5	293
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Age

Gender

Morphology

Growth properties

Citation	HEK293 Cytion	300192
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession CVCL_0045

GMO Status	GMO-S1	HEK293	-5 E1A/E1B
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Receptors expressed Vitronectin

Protein expression CEA p53

Tumorigenic
Virus susceptibility 5 DNA 5 DNA

Ploidy status 30% HEK293 64 4.2%

Culture Medium EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO₃ w EBSS Cytion 820100a

Supplements 10% FBS 1% NEAA

Dissociation Reagent Accutase

Doubling time 30

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density 1×10^4 /cm² 4

Fluid renewal 2

Post-Thaw Recovery ⁴ 5×10 24

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

Product sheet

HEK293 | 300192

Thawing and
Culturing Cells

- | | | | | | |
|----|---------|--------|-----|-------|-----|
| 1. | | | | | |
| 2. | | -150°C | | | 3 |
| 3. | | 37°C | | 40-60 | |
| 4. | | | 70% | | |
| 5. | | 8 | 15 | | |
| 6. | 300 x g | 3 | | | |
| 7. | 10 | | | T25 | T25 |
| 8. | | | | | |

Incubation
Atmosphere

37°C, 5% CO₂

Flask Coating

Freezing
Procedure

-78 °C

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

Sterility

PCR

Product sheet

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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