

Product sheet

HEK293-F | 300260

HEK293-F

**Description** HEK293-F is a cell line derived from HEK293 cells. It is a stable cell line that expresses the SV40 large T antigen. This cell line is used for the production of recombinant proteins and for the study of viral replication. HEK293-F cells are easy to grow and maintain in culture.

**Organism** Human

**Tissue** Kidney

**Applications** Protein production, viral replication

**Synonyms** HK-293-F, HK 293-F, HK 293F, HK 293F, HK 293F, 293-F, 293 F, 293 F, 293 F, 293 F

HEK293-F

**Age** 1-3 months

**Gender** Male

**Morphology** Adherent, epithelial

**Growth properties** High growth rate, easy to maintain

HEK293-F

**Citation** HEK293-F (ATCC CRL-1573) (300260)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_6642

**GMO Status** GMO-S1: HEK293-F cells containing SV40 large T antigen

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Thawing and Culturing Cells

1. Thaw the vial in a 37°C water bath. Transfer the cells to a pre-warmed T75 flask containing 10 ml of DMEM supplemented with 10% FBS.
2. Allow the cells to attach for 24 hours. Then, replace the medium with DMEM supplemented with 10% FBS.
3. After 24 hours, the medium should be replaced with DMEM supplemented with 10% FBS.
4. Once the cells are fully attached, replace the medium with DMEM supplemented with 10% FBS.
5. After 24 hours, the medium should be replaced with DMEM supplemented with 10% FBS.
6. Once the cells are fully attached, replace the medium with DMEM supplemented with 10% FBS.
7. After 24 hours, the medium should be replaced with DMEM supplemented with 10% FBS.
8. Once the cells are fully attached, replace the medium with DMEM supplemented with 10% FBS.

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

**Flask Coating** Not required

**Freezing Procedure** Harvest cells into a 15 ml centrifuge tube. Wash with PBS. Pellet cells by centrifugation at 300 x g for 3 min. Resuspend the pellet in 1 ml of freezing medium (DMEM + 10% FBS + 10% DMSO). Aliquot into 1 ml vials and store at -80°C.

**Shipping Conditions** Cells should be shipped at -80°C.

**Storage Conditions** Cells should be stored at -150 to -196°C.

HEK293-F / HEK293-F / HLA

**Sterility** The cells are provided in a sterile, cryoprotected state. They are not tested for mycoplasma contamination. PCR testing is available upon request.