

WB-F344 | 305201

WB-F344

Description
WB-F344 is a cell line derived from a human embryonic kidney (HEK293) cell line. It is a stable transfectant of the pCMVneo vector containing the coding sequence of the human protein of interest. The cells are maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. For transfection, the cells are seeded into 24-well plates and transfected with the pCMVneo vector containing the coding sequence of the human protein of interest. The cells are then harvested and analyzed by Western blotting.

Organism: Homo sapiens

Tissue: Kidney

Synonyms: WB F344, WBF344

Characteristics

Breed/Subspecies: HEK293

Age: 3-6 months

Gender: Male

Morphology: Adherent

Growth properties: High

References

Citation: WB-F344 (HEK293) Cytion 305201

Biosafety level: 1

NCBI_TaxID: 10116

CellosaurusAccession: CVCL_9806

Additional information

WB-F344

Product sheet

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Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements 7% FBS 1% NEAA

Dissociation Reagent

Subculturing 2-3 passages per week, 1:2-1:5 split ratio, 100% confluency, 100% viability

Fluid renewal 2-3 times per week

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath, transfer to a 15 mL centrifuge tube, centrifuge at 300 x g for 3 min, resuspend in 1 mL medium, transfer to a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.
 2. Seed cells into a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.
 3. Seed cells into a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.
 4. Seed cells into a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.
 5. Seed cells into a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.
 6. Seed cells into a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.
 7. Seed cells into a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.
 8. Seed cells into a 10 mL flask, add 9 mL medium, incubate at 37°C for 24 hours.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Shipping Conditions -78°C

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**Storage
Conditions**

Store at -150 °C. Do not freeze. Do not thaw. Do not use after the expiration date. Do not use after 196 days. Do not use after the expiration date. Do not use after the expiration date.

HLA

Sterility

PCR