

HEK293-FAP | 305419

HEK293-FAP

Description

HEK293-FAP is a HEK293 cell line stably expressing the Folate Receptor (FAP). The cells are derived from HEK293 cells and are used for the production of recombinant proteins. The FAP is a transmembrane protein that binds to folic acid and its derivatives. The HEK293-FAP cell line is characterized by its high transfection efficiency and the ability to produce soluble and active FAP protein. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. For protein production, the cells are typically grown in serum-free medium supplemented with insulin, transferrin, selenium, and folic acid.

Organism Human

Tissue Kidney

HEK293-FAP

Age 1-3 months

Gender Male

Morphology Epithelial

Growth properties Adherent

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Citation HEK293-FAP (Accession number: 305419)

Biosafety level 1

NCBI_TaxID 9606

GMO Status GMO-S1: HEK293 cells expressing HEK293-FAP (FAP) protein

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Receptors expressed FAP (DPPIV)

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Culture Medium RPMI 1640 2.0 2.0 / NaHCO₃ (820700a)

Supplements 10% FBS 1% HEPES 1% NEAA. (G418)

Dissociation Reagent

Subculturing

Fluid renewal 2 3

Post-Thaw Recovery

Freeze medium

Thawing and Culturing Cells

1. 10
2. -150
3. 37
4. 70%
5. 15 8
6. 300 × 3
7. 10
- 8.

Product sheet

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Incubation Atmosphere 37 °C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Harvest cells, wash with PBS, resuspend in freezing medium, aliquot into 1 ml vials, freeze at -80 °C

Shipping Conditions Dry ice, -80 °C

Storage Conditions -150 °C to -196 °C

HLA

Sterility Sterile, PCR negative