

HEK293-FAP | 305419

HEK293-FAP

Description

HEK293-FAP is a HEK293 cell line stably expressing FAP (Fibroblast Activation Protein). FAP is a type I transmembrane protein with a large extracellular domain containing a catalytic domain with a zinc-binding site. FAP is involved in cell adhesion, proliferation, and differentiation. FAP is a member of the metalloprotease family and is highly expressed in fibroblasts and epithelial cells. FAP is a type I transmembrane protein with a large extracellular domain containing a catalytic domain with a zinc-binding site. FAP is involved in cell adhesion, proliferation, and differentiation. FAP is a member of the metalloprotease family and is highly expressed in fibroblasts and epithelial cells.

Organism HEK293

Tissue HEK293

HEK293-FAP

Age HEK293

Gender HEK293

Morphology HEK293

Growth properties HEK293, HEK293

HEK293-FAP

Citation HEK293-FAP (HEK293 Cytion 305419)

Biosafety level 1

NCBI_TaxID 9606

GMO Status GMO-S1: HEK293 HEK293 (FAP)

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Receptors expressed FAP (Seprase DPPIV)

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS, 1 mM β -mercaptoethanol, 10 mM HEPES, 1% NEAA, Geneticin (G418-Sulfat) 1 mg/ml

Dissociation Reagent Trypsin-EDTA

Subculturing Seed cells into fresh medium. Wash cells with PBS. Add 2-3 ml of medium to each well.

Fluid renewal 2-3 times per week

Post-Thaw Recovery Seed cells into fresh medium. Wash cells with PBS. Add 2-3 ml of medium to each well.

Freeze medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a), 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Wash cells with PBS.
3. Add 2-3 ml of medium to each well.
4. Seed cells into fresh medium.
5. Wash cells with PBS.
6. Add 2-3 ml of medium to each well.
7. Seed cells into fresh medium.
8. Wash cells with PBS.

Product sheet

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Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture grade, tissue culture treated

Freezing Procedure Harvest cells into 10-15% FBS, centrifuge at 300g for 5 min, resuspend in freezing medium, aliquot into 1ml vials, freeze at -78°C

Shipping Conditions Dry ice, -78°C

Storage Conditions -150 to -196 °C

HEK293-FAP / HEK293-FAP / HLA

Sterility PCR negative, mycoplasma free, endotoxin free