

HEK293-PSMA | 305992

HEK293-PSMA

Description

HEK293-PSMA is a HEK293 cell line stably expressing PSMA. The cells are derived from HEK293 cells and are used for the production of PSMA-targeted antibodies and vaccines. The cells are maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin. The cells are characterized by their high growth rate and ability to express high levels of PSMA.

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Organism HEK293

Tissue HEK293

HEK293-PSMA

Age HEK293

Gender HEK293

Morphology HEK293

Growth properties HEK293

HEK293-PSMA HEK293-PSMA

Citation HEK293-PSMA (HEK293-PSMA) Cytion: 305992

Biosafety level 1

NCBI_TaxID 9606

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Receptors expressed PSMA

HEK293-PSMA

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Culture Medium RPMI 1640 2.0 \times 2.0 \times 2.0 \times 2.0 \times 2.0 \times 2.0 NaHCO₃ (820700a)

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

Dissociation Reagent Trypsin-EDTA

Subculturing Seed cells into fresh medium

Fluid renewal 2-3 times per week

Post-Thaw Recovery Thaw cells in 1:2 ratio in T25 flasks, replace medium after 24 hours

Freeze medium RPMI 1640 + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath
 2. Centrifuge cells at 300 x g for 3 minutes
 3. Resuspend cells in fresh medium
 4. Seed cells into fresh medium
 5. Incubate cells at 37°C
 6. Monitor cell growth
 7. Pass cells when they reach 70-80% confluency
 8. Repeat the process

Incubation Atmosphere 37°C, 5% CO₂

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Shipping Conditions

Shipping conditions: Dry ice, -78°C

Storage Conditions

Storage conditions: -150 °C to -196 °C

HEK293-PSMA / HEK293-PSMA / HLA

Sterility

Sterility: PCR (PCR) and other methods.