

Product sheet

HEK293-PSMA | 305992

HEK293-PSMA

Description

HEK293-PSMA is a HEK293 cell line stably expressing the PSMA protein. The cells are grown in DMEM supplemented with 10% FBS. The PSMA protein is expressed on the cell surface and is functional. The cells are used for the study of PSMA-targeted therapies.

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Organism Human

Tissue HEK293

HEK293-PSMA

Age 293

Gender Male

Morphology HEK293

Growth properties Adherent, HEK293

HEK293-PSMA HEK293-PSMA

Citation HEK293-PSMA (HEK293) Cytion 305992

Biosafety level 1

NCBI_TaxID 9606

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Receptors expressed PSMA

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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 fresh medium.

Fluid renewal 2-3 times per week

Post-Thaw Recovery Thaw cells in a 37°C water bath. Dilute cells into fresh medium. Seed cells into fresh medium.

Freeze medium Seed cells into fresh medium. Add 10% DMSO to the medium.

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Dilute cells into fresh medium.
 3. Seed cells into fresh medium.
 4. Wash cells with PBS.
 5. Add 2-3 ml fresh medium.
 6. Seed cells into fresh medium.
 7. Wash cells with PBS.
 8. Add 2-3 ml fresh medium.

Incubation Atmosphere 37°C, 5% CO₂

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196°C

HEK293/PSMA / HEK293/PSMA / HLA

Sterility

PCR ready
No mycoplasma contamination