

HEK293-PSMA | 305992

XXXXXX XXXXXX

Description

HEK293-PSMA cells are a derivative of HEK293 cells that express the PSMA (Prostate-Specific Membrane Antigen) transgene. These cells are commonly used in research to study the function of PSMA and to develop PSMA-targeted therapies. The cells are typically grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The PSMA transgene is expressed under the control of a constitutive promoter, resulting in high levels of PSMA expression on the cell surface.

HEK293-PSMA cells are used in a variety of applications, including:

- Studying the function of PSMA and its role in cancer progression.
- Developing PSMA-targeted therapies, such as monoclonal antibodies and small molecule inhibitors.
- Investigating the mechanisms of PSMA-mediated drug resistance.

HEK293-PSMA cells are a valuable tool for researchers studying PSMA and its role in cancer. The cells are easy to grow and maintain, and they express high levels of PSMA, making them ideal for studying the function of this protein and for developing PSMA-targeted therapies.

[illegible]

XXXXXXXXXX

Age	XXXX
Gender	XXXX
Morphology	XXXX XXXX
Cell type	XXX XXXX
Growth properties	XXXX XX, XXXX

XIX XIX XIX XIX XIX XIX XIX XIX

Citation	HEK293-PSMA (XXXXX XXXXXX Cytion 305992)
Biosafety level	1
NCBI_TaxID	9606

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**Thawing and
Culturing Cells**

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入37°C CO₂培养箱中培养。
2. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入-150°C 液氮中冷冻保存。
3. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入37°C CO₂培养箱中培养。
4. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入70% 乙醇中保存。
5. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入15 μl 8 μl 的细胞悬液中。
6. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入300 x g 3 分钟的离心管中。
7. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入10 μl 10 μl 的细胞悬液中。
8. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶放入T2 培养瓶中。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

**Shipping
Conditions**

细胞悬液应储存在-80°C 以下，并在-78°C 以下运输。

**Storage
Conditions**

细胞悬液应储存在-80°C 以下，并在-150°C 以下196 液氮中保存。

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Sterility

细胞悬液应储存在-80°C 以下，并在-150°C 以下196 液氮中保存。PCR 扩增应在-150°C 以下进行。