

COS-7 | 605470

General information

Description	COS-7 is a cell line derived from the kidney of a rhesus monkey (Macaca mulatta). It is a continuous cell line that can be grown in the presence of SV40 T-antigen. COS-7 cells are commonly used for the production of recombinant proteins and for studying the function of viral proteins. COS-7 cells are grown in the presence of SV40 T-antigen, which is a protein encoded by the SV40 virus. COS-7 cells are grown in the presence of SV40 T-antigen, which is a protein encoded by the SV40 virus. COS-7 cells are grown in the presence of SV40 T-antigen, which is a protein encoded by the SV40 virus.
Organism	Chlorocebus aethiops
Tissue	Kidney
Applications	Transfection, protein production, viral production, cell culture, SV40 T.
Synonyms	Cos-7, COS7, Cos7, CV-1, Origin Simian-7

Cell characteristics

Age	Adult
Gender	Male
Morphology	Epithelial cells
Cell type	Epithelial cells
Growth properties	Adherent, clonal

Documentation and references

Citation	COS-7 (Cytion 605470)
Biosafety level	1
NCBI_TaxID	9534
CellosaurusAccession	CVCL_0224

██████ ████████ ████████, ███ ████████ ████████ ████████ ████████ (██████ FBS) + 10% DMSO ███ ████████ ████████ ████████ ████████ ████████, █ C

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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，然后将培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
3. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
4. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
5. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
6. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
7. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
8. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

**Shipping
Conditions**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

**Storage
Conditions**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

细胞特性

Sterility

细胞悬液经PCR检测，无DNA污染。细胞悬液经PCR检测，无DNA污染。细胞悬液经PCR检测，无DNA污染。