COS-7  
RRID:CVCL_0224 
Type: Cell Line

Proper Citation

(ECACC Cat# 87021302, RRID:CVCL_0224)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0224

Proper Citation: (ECACC Cat# 87021302, RRID:CVCL_0224)

Description: Cell line COS-7 is a Transformed cell line with a species of origin Chlorocebus aethiops (Green monkey)

Sex: Male

Defining Citation: PMID:6260373, PMID:22059503, PMID:29468137

Comments: Derived from sampling site: Kidney., Transformant: NCBI_TaxID; 1891767; Simian virus 40 (SV40) [pSV6-1]., Doubling time: ~35-48 hours (DSMZ=ACC-60); ~34 hours (lot 02292000), ~30 hours (lots 11222004 and 10052007), ~2 days (lot 03052018) (JCRB)., Virology: Highly susceptible to infection by Zika virus (ZIKV) (PubMed=29468137)., Group: Non-human primate cell line.

Category: Transformed cell line

Organism: Chlorocebus aethiops (Green monkey)

Name: COS-7

Synonyms: Cos-7, COS 7, Cos 7, COS7, Cos7, CV-1 in Origin Simian-7

ID: CVCL_0224

Vendor: ECACC

Catalog Number: 87021302

Hierarchy: CVCL_0229

Ratings and Alerts

No rating or validation information has been found for COS-7.
No alerts have been found for COS-7.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 161 mentions in open access literature.

 Listed below are recent publications. The full list is available at RRID.


Liang X, et al. (2021) CIB2 and CIB3 are auxiliary subunits of the mechanotransduction channel of hair cells. Neuron, 109(13), 2131-2149.e15.


Tessadori F, et al. (2021) Twisting of the zebrafish heart tube during cardiac looping is α-dependent and tissue-intrinsic process. eLife, 10.


