

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

COS-M6

RRID:CVCL_8561

Type: Cell Line

Proper Citation

RRID:CVCL_8561

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_8561

Proper Citation: RRID:CVCL_8561

Description: Cell line COS-M6 is a Transformed cell line with a species of origin Chlorocebus aethiops (Green monkey)

Sex: Male

Defining Citation: [PMID:6192195](#)

Comments: Group: Non-human primate cell line.

Category: Transformed cell line

Organism: Chlorocebus aethiops (Green monkey)

Name: COS-M6

Synonyms: COS-m6, COS M6, COSM6, CosM6, COSm6, COS-1 M6, Cos-1/M6

Cross References: Wikidata:Q54814319

ID: CVCL_8561

Hierarchy: cvcl_0223

Record Creation Time: 20220427T215516+0000

Record Last Update: 20260725T232422+0000

Ratings and Alerts

No rating or validation information has been found for COS-M6.

No alerts have been found for COS-M6.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Elsheikh A, et al. (2025) AI-based discovery and cryoEM structural elucidation of a KATP channel pharmacochaperone. eLife, 13.

Driggers CM, et al. (2024) Structure of an open KATP channel reveals tandem PIP2 binding sites mediating the Kir6.2 and SUR1 regulatory interface. Nature communications, 15(1), 2502.

Martin GM, et al. (2019) Mechanism of pharmacochaperoning in a mammalian KATP channel revealed by cryo-EM. eLife, 8.

Smeland MF, et al. (2019) ABCC9-related Intellectual disability Myopathy Syndrome is a KATP channelopathy with loss-of-function mutations in ABCC9. Nature communications, 10(1), 4457.

Martin GM, et al. (2017) Anti-diabetic drug binding site in a mammalian KATP channel revealed by Cryo-EM. eLife, 6.