

Resource Summary Report

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COS-1

RRID:CVCL_0223

Type: Cell Line

Proper Citation

Ubigen Cat# YC-A031, RRID:CVCL_0223

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0223

Proper Citation: Ubigen Cat# YC-A031, RRID:CVCL_0223

Description: Cell line COS-1 is a Transformed cell line with a species of origin Chlorocebus aethiops (Green monkey)

Sex: Male

Defining Citation: [PMID:6260373](#), [PMID:34737324](#)

Comments: Group: Non-human primate cell line.

Category: Transformed cell line

Organism: Chlorocebus aethiops (Green monkey)

Name: COS-1

Synonyms: Cos-1, COS 1, Cos 1, COS1, Cos1, CV-1 in Origin Simian-1

Cross References: BTO:BTO_0001538, CLO:CLO_0002596, CLO:CLO_0050514, EFO:EFO_0022742, MCCL:MCC:0000111, CLDB:cl886, CLDB:cl887, CLDB:cl888, CLDB:cl889, CLDB:cl7122, AddexBio:T0014001/34, ATCC:CRL-1650, BCRC:60002, BCRJ:0070, CCRID:1101MON-PUMC000157, CCRID:3101MONGNO28, CCRID:5301MON-KCB93018YJ, ChEMBL-Cells:ChEMBL3308351, ChEMBL-Targets:ChEMBL614563, CLS:305005, DSMZ:ACC-63, DSMZCellDive:ACC-63, ECACC:88031701, ICLC:ATL01002, IZSLER:BS CL 95, JCRB:JCRB9082, KCB:KCB 93018YJ, KCLB:21650, Lonza:722, MeSH:D019556, NCBI_Iran:C518, PubChem_Cell_line:CVCL_0223, RCB:RCB0143, TOKU-E:992, Ubigen:YC-A031, Wikidata:Q27556079

ID: CVCL_0223

Vendor: Ubigene

Catalog Number: YC-A031

Hierarchy: cvcl_0229

Record Creation Time: 20250130T070739+0000

Record Last Update: 20260802T005240+0000

Ratings and Alerts

No rating or validation information has been found for COS-1.

No alerts have been found for COS-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 963 mentions in open access literature.

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

Dusek J, et al. (2025) The hypolipidemic effect of MI-883, the combined CAR agonist/PXR antagonist, in diet-induced hypercholesterolemia model. Nature communications, 16(1), 1418.

Pool EH, et al. (2025) Aberrant phase separation of two PKA RI? neurological disorder mutants leads to mechanistically distinct signaling deficits. Cell reports, 44(6), 115797.

Hiltunen J, et al. (2025) Androgen receptor-mediated assisted loading of the glucocorticoid receptor modulates transcriptional responses in prostate cancer cells. Genome research, 35(8), 1717.

Zhu X, et al. (2025) Structural insights into the activation of TMEM175 by small molecule. Neuron.

Vaizoglu RD, et al. (2025) Investigation of Fibrillar Aggregates Formed by Pathogenic Pre-pro-vasopressin Mutants that Cause ADNDI. The Journal of clinical endocrinology and metabolism, 110(6), 1577.

Matos ALSA, et al. (2025) Salicylate-Elicited Activation of AMP-Activated Protein Kinase Directly Triggers Degradation of C-Myc in Colorectal Cancer Cells. Cells, 14(4).

Sakai Y, et al. (2025) Coral anthozoan-specific opsins employ a novel chloride counterion for spectral tuning. eLife, 14.

- Shi X, et al. (2025) Calcium and Cadmium Activate ESRRB to Mediate Cell Stemness and Pluripotency. *International journal of molecular sciences*, 27(1).
- Susanto TT, et al. (2024) RAPIDASH: Tag-free enrichment of ribosome-associated proteins reveals composition dynamics in embryonic tissue, cancer cells, and macrophages. *Molecular cell*, 84(18), 3545.
- Zhang Z, et al. (2024) Membrane HIV-1 envelope glycoproteins stabilized more strongly in a pretriggered conformation than natural virus Envs. *iScience*, 27(7), 110141.
- Wang J, et al. (2024) Cholinergic signaling via muscarinic M1 receptor confers resistance to docetaxel in prostate cancer. *Cell reports. Medicine*, 5(2), 101388.
- Zambo B, et al. (2024) Uncovering the BIN1-SH3 interactome underpinning centronuclear myopathy. *eLife*, 13.
- Formanski JP, et al. (2024) Transduction Efficiency of Zika Virus E Protein Pseudotyped HIV-1gfp and Its Oncolytic Activity Tested in Primary Glioblastoma Cell Cultures. *Cancers*, 16(4).
- Okano F, et al. (2023) Identification of Membrane-expressed CAPRIN-1 as a Novel and Universal Cancer Target, and Generation of a Therapeutic Anti-CAPRIN-1 Antibody TRK-950. *Cancer research communications*, 3(4), 640.
- Tannous S, et al. (2023) Interaction between the α -glucosidases, sucrase-isomaltase and maltase-glucoamylase, in human intestinal brush border membranes and its potential impact on disaccharide digestion. *Frontiers in molecular biosciences*, 10, 1160860.
- Arystarkhova E, et al. (2023) Temperature instability of a mutation at a multidomain junction in Na,K-ATPase isoform ATP1A3 (p.Arg756His) produces a fever-induced neurological syndrome. *The Journal of biological chemistry*, 299(1), 102758.
- Paz-Trejo C, et al. (2023) Nanotechnology in agriculture: a review of genotoxic studies of nanopesticides in animal cells. *Environmental science and pollution research international*, 30(25), 66473.
- Anbazhagan R, et al. (2023) miRNA Expression Profiles of Mouse Round Spermatids in GRTH/DDX25-Mediated Spermiogenesis: mRNA-miRNA Network Analysis. *Cells*, 12(5).
- Alvik K, et al. (2023) Increased sensitivity to chemically induced colitis in mice harboring a DNA-binding deficient aryl hydrocarbon receptor. *Toxicological sciences : an official journal of the Society of Toxicology*, 191(2), 321.
- Wu CG, et al. (2023) Extended regulation interface coupled to the allosteric network and disease mutations in the PP2A-B56 γ holoenzyme. *bioRxiv : the preprint server for biology*.