

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

SK-CO-1

RRID:CVCL_0626

Type: Cell Line

Proper Citation

RRID:CVCL_0626

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0626

Proper Citation: RRID:CVCL_0626

Description: Cell line SK-CO-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon adenocarcinoma

Defining Citation: [PMID:833871](#), [PMID:3518877](#), [PMID:6220172](#), [PMID:6582512](#), [PMID:7017212](#), [PMID:9294210](#), [PMID:10737795](#), [PMID:12068308](#), [PMID:16418264](#), [PMID:18258742](#), [PMID:19927377](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20570890](#), [PMID:20606684](#), [PMID:22460905](#), [PMID:23272949](#), [PMID:24755471](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25926053](#), [PMID:25944804](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28854368](#), [PMID:29101300](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: NCI RAS program mutant KRAS cell line panel., Part of: KuDOS 95 cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: AstraZeneca Colorectal cell line (AZCL) panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SK-CO-1

Synonyms: SKCO-1, SKCO 1, SKCO1, SKCol1, SK-Col-1, SK Col 1

Cross References: CLO:CLO_0009035, EFO:EFO_0006752, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-39, BioSample:SAMN03472359, BioSample:SAMN03472743, BioSample:SAMN10988030, cancercellines:CVCL_0626, CancerTools:161933, Cell_Model_Passport:SIDM01096, ChEMBL-Cells:ChEMBL3308784, ChEMBL-Targets:ChEMBL1075576, ColonAtlas:SKCO1, Cosmic:724846, Cosmic:876726, Cosmic:909718, Cosmic:948125, Cosmic:948852, Cosmic:986016, Cosmic:995402, Cosmic:1071892, Cosmic:1175844, Cosmic:1176593, Cosmic:1187318, Cosmic:1312310, Cosmic:1466820, Cosmic:1479586, Cosmic:1482520, Cosmic:1676740, Cosmic:1805265, Cosmic:2302006, Cosmic:2647531, Cosmic-CLP:909718, DepMap:ACH-000400, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:909718, GEO:GSM206541, GEO:GSM274769, GEO:GSM274770, GEO:GSM513919, GEO:GSM514306, GEO:GSM741251, GEO:GSM827412, GEO:GSM887576, GEO:GSM888659, GEO:GSM1346852, GEO:GSM1374875, GEO:GSM1374876, GEO:GSM1374877, GEO:GSM1448193, GEO:GSM1670427, IARC_TP53:21767, LiGeA:CCLE_559, LINCS_LDP:LCL-1184, PharmacDB:SKCO1_1386_2019, PRIDE:PXD005235, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD030304, Progenetix:CVCL_0626, PubChem_Cell_line:CVCL_0626, SKY/M-FISH/CGH:5015, Wikidata:Q54953629

ID: CVCL_0626

Record Creation Time: 20220427T221544+0000

Record Last Update: 20260920T005746+0000

Ratings and Alerts

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

No alerts have been found for SK-CO-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Stanland LJ, et al. (2026) Protocols to evaluate mutant specificity of an oncogene-targeting siRNA using orthogonal in vitro and in vivo approaches. STAR protocols, 7(1), 104323.

Hu X, et al. (2026) Immune gene diversity and STING1 variants in shaping cancer immunity across different genetic ancestry populations. Cell reports, 45(2), 116882.

Choi PH, et al. (2026) Distinct ERK and PI3K dependencies mediate a heterogeneous response to RAS(ON) inhibition in KRAS-mutant colorectal cancer. *Cell reports*, 45(7), 117559.

Wang R, et al. (2025) Overcoming multidrug resistance in gastrointestinal cancers with a CDH17-targeted ADC conjugated to a DNA topoisomerase inhibitor. *Cell reports. Medicine*, 6(7), 102213.

Martinez-Martinez D, et al. (2025) Chemotherapy modulation by a cancer-associated microbiota metabolite. *Cell systems*, 16(9), 101397.

Stanland LJ, et al. (2025) A first-in-class EGFR-directed KRAS G12V selective inhibitor. *Cancer cell*.

Allavena E, et al. (2025) Assessing Determinants of Response to PARP Inhibition in Germline ATM Mutant Melanoma. *International journal of molecular sciences*, 26(15).

Sogari A, et al. (2024) Tolerance to colibactin correlates with homologous recombination proficiency and resistance to irinotecan in colorectal cancer cells. *Cell reports. Medicine*, 5(2), 101376.

Nummela P, et al. (2024) GNAS mutation inhibits growth and induces phosphodiesterase 4D expression in colorectal cancer cell lines. *International journal of cancer*, 154(11), 1987.

Gunji D, et al. (2024) Longitudinal phosphoproteomics reveals the PI3K-PAK1 axis as a potential target for recurrent colorectal liver metastases. *Cell reports*, 43(12), 115061.

Kim M, et al. (2022) YAP1 and PRDM14 converge to promote cell survival and tumorigenesis. *Developmental cell*, 57(2), 212.

Fiorito V, et al. (2021) The heme synthesis-export system regulates the tricarboxylic acid cycle flux and oxidative phosphorylation. *Cell reports*, 35(11), 109252.

Lieb S, et al. (2019) Werner syndrome helicase is a selective vulnerability of microsatellite instability-high tumor cells. *eLife*, 8.