

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

SK-MEL-1

RRID:CVCL_0068

Type: Cell Line

Proper Citation

RRID:CVCL_0068

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0068

Proper Citation: RRID:CVCL_0068

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

Sex: Male

Disease: Melanoma

Defining Citation: [PMID:327080](#), [PMID:833871](#), [PMID:3335022](#), [PMID:3518877](#), [PMID:4879578](#), [PMID:6220172](#), [PMID:6895502](#), [PMID:8755562](#), [PMID:11668190](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21725359](#), [PMID:22460905](#), [PMID:24576830](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SK-MEL-1

Synonyms: SK-Mel-1, SK Mel 1, SK-Mel 1, SK-Mel1, SKMEL-1, SkMEL-1, SKMEL1, SK 1

Cross References: BTO:BTO_0002129, CLO:CLO_0009040, CLO:CLO_0037292, EFO:EFO_0002332, AddexBio:C0020006/4979, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610,

ATCC:HTB-67, BioSample:SAMN01821599, BioSample:SAMN01821665, BioSample:SAMN03473224, BioSample:SAMN10987654, cancercelllines:CVCL_0068, CancerTools:161914, CCRID:1101HUM-PUMC000052, Cell_Model_Passport:SIDM01107, ChEMBL-Cells:ChEMBL3308365, ChEMBL-Targets:ChEMBL614916, CLS:300424, Cosmic:688052, Cosmic:888065, Cosmic:909723, Cosmic:928696, Cosmic:1022279, Cosmic:1303052, Cosmic:1459639, Cosmic:1669128, Cosmic:1995632, Cosmic-CLP:909723, DepMap:ACH-000465, DSMZ:ACC-303, DSMZCellDive:ACC-303, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:909723, GEO:GSM784507, GEO:GSM827506, GEO:GSM887582, GEO:GSM888665, GEO:GSM1670436, IARC_TP53:27578, IGRhCellID:SKMEL1, KCB:KCB 200724YJ, KCLB:30067, LiGeA:CCLE_788, LINCS_LDP:LCL-1265, PharmacDB:SKMEL1_1393_2019, PRIDE:PXD022992, PRIDE:PXD030304, Progenetix:CVCL_0068, PubChem_Cell_line:CVCL_0068, Wikidata:Q54953753

ID: CVCL_0068

Record Creation Time: 20220427T221545+0000

Record Last Update: 20260920T005748+0000

Ratings and Alerts

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

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

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](#) .

Chen Z, et al. (2026) 6'-O-Caffeoylarbutin: A Stable and Long-Lasting Skin-Lightening Agent Targeting Melanogenesis Through MITF Pathway Modulation. *Chemistry & biodiversity*, 23(2), e01698.

Vandermeulen L, et al. (2024) Regulation of human microglial gene expression and function via RNAase-H active antisense oligonucleotides in vivo in Alzheimer's disease. *Molecular neurodegeneration*, 19(1), 37.

Stribbling SM, et al. (2022) The cell-line-derived subcutaneous tumor model in preclinical cancer research. *Nature protocols*, 17(9), 2108.

Perdomo J, et al. (2020) Melatonin Induces Melanogenesis in Human SK-MEL-1 Melanoma Cells Involving Glycogen Synthase Kinase-3 and Reactive Oxygen Species.

International journal of molecular sciences, 21(14).

Li XX, et al. (2018) Nuclear Receptor Nur77 Facilitates Melanoma Cell Survival under Metabolic Stress by Protecting Fatty Acid Oxidation. Molecular cell, 69(3), 480.