

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

SK-MEL-31

RRID:CVCL_0600

Type: Cell Line

Proper Citation

RRID:CVCL_0600

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0600

Proper Citation: RRID:CVCL_0600

Description: Cell line SK-MEL-31 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Cutaneous melanoma

Defining Citation: [PMID:978138](#), [PMID:1067619](#), [PMID:2784858](#), [PMID:3335022](#), [PMID:3473501](#), [PMID:3518877](#), [PMID:6582512](#), [PMID:6864164](#), [PMID:6933476](#), [PMID:7017212](#), [PMID:7175440](#), [PMID:9598804](#), [PMID:17260012](#), [PMID:21725359](#), [PMID:22460905](#), [PMID:23285177](#), [PMID:24576830](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31068700](#)

Comments: Characteristics: Non-pigmented (PubMed=3473501)., 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-31

Synonyms: Sk-Mel-31, SKMEL-31, SKMel-31, SkMel31, SKMEL31, AX-Mel

Cross References: CLO:CLO_0009046, EFO:EFO_0006489, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-73, BioSample:SAMN03472881, BioSample:SAMN10988127, cancercellines:CVCL_0600, CancerTools:161919, Cell_Model_Passport:SIDM01104, Cosmic:688054,

Cosmic:851406, Cosmic:932998, Cosmic:933113, Cosmic:1022273, Cosmic:1047689, Cosmic:1102384, Cosmic:1459643, Cosmic:1669147, Cosmic:2159444, Cosmic:2479254, Cosmic-CLP:909727, DepMap:ACH-000640, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:909727, GEO:GSM156033, GEO:GSM276762, GEO:GSM887587, GEO:GSM888670, GEO:GSM1670442, IARC_TP53:26115, KCLB:30073, LiGeA:CCLE_731, Lonza:1344, PharmacDB:SKMEL31_1399_2019, Progenetix:CVCL_0600, Wikidata:Q54954067

ID: CVCL_0600

Record Creation Time: 20220427T221546+0000

Record Last Update: 20260913T010044+0000

Ratings and Alerts

No rating or validation information has been found for SK-MEL-31.

Warning: Discontinued: KCLB; 30073

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Hoang P, et al. (2026) Size-Modulated Mesoderm-Endoderm Divergence and Myocardial Cavitation in Micropatterned Cardioids. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(30), e15661.

Khatib TO, et al. (2025) TGF- β 1-mediated intercellular signaling fuels cooperative cellular invasion. Cell reports, 44(2), 115315.

Delaunay T, et al. (2024) Exogenous non-coding dsDNA-dependent trans-activation of phagocytes augments anti-tumor immunity. Cell reports. Medicine, 5(5), 101528.

Yoon SJ, et al. (2023) Comprehensive Metabolic Tracing Reveals the Origin and Catabolism of Cysteine in Mammalian Tissues and Tumors. Cancer research, 83(9), 1426.

Ippolito MR, et al. (2021) Gene copy-number changes and chromosomal instability induced by aneuploidy confer resistance to chemotherapy. Developmental cell, 56(17), 2440.

Zhu J, et al. (2019) Transsulfuration Activity Can Support Cell Growth upon Extracellular Cysteine Limitation. *Cell metabolism*, 30(5), 865.