Resource Summary Report

Generated by dkNET on Sep 21, 2026

SK-LMS-1

RRID:CVCL_0628
Type: Cell Line

Proper Citation

RRID:CVCL_0628

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0628

Proper Citation: RRID:CVCL_0628

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

Sex: Female

Disease: Vulvar leiomyosarcoma

Defining Citation: PMID:327080, PMID:833871, PMID:1385192, PMID:2216456, PMID:3518877, PMID:6220172, PMID:7459858, PMID:16142349, PMID:20164919, PMID:20215515, PMID:22460905, PMID:26351324, PMID:26589293, PMID:27397505, PMID:28196595, PMID:29853780, 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-LMS-1

Synonyms: SK-LMS-01, SKLMS-1, SKLMS1

Cross References: BTO:BTO_0002607, CLO:CLO_0009038, EFO:EFO_0002331, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-88, BioSample:SAMN03472759, BioSample:SAMN10988181, cancercelllines:CVCL_0628, CancerTools:161912, Cell_Model_Passport:SIDM01109, ChEMBL-Cells:CHEMBL3308552, ChEMBL-

Targets:CHEMBL2366096, CLS:300125, Cosmic:687594, Cosmic:909720, Cosmic:1834891, Cosmic-CLP:909720, DepMap:ACH-000145, EGA:EGAS00001000978, GDSC:909720, GEO:GSM887579, GEO:GSM888662, GEO:GSM1670433, GEO:GSM1676326, GEO:GSM1701659, IARC_TP53:769, IARC_TP53:21704, IGRhCellID:SKLMS1, LiGeA:CCLE_739, LINCS_HMS:50042, LINCS_LDP:LCL-1286, PharmacoDB:SKLMS1_1391_2019, PRIDE:PXD030304, Progenetix:CVCL_0628, PubChem_Cell_line:CVCL_0628, Wikidata:Q54953741

ID: CVCL_0628

Record Creation Time: 20220427T221545+0000

Record Last Update: 20260920T005748+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Tolotto V, et al. (2026) Class IIa HDACs forced degradation allows resensitization??of oxaliplatin-resistant FBXW7-mutated colorectal cancer. Molecular oncology, 20(3), 637.

Panda PK, et al. (2025) BCL-XL Protects ASS1-Deficient Cancers from Arginine Starvation-Induced Apoptosis. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(7), 1333.

Nelson BE, et al. (2025) Phase Ib Study of Pembrolizumab in Combination with Intratumoral Injection of Clostridium novyi-NT in Patients with Advanced Solid Tumors. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(18), 3864.

Mazzoli A, et al. (2025) 3D-Printed Alginate-Based Hydrogels with Appropriate Rheological Properties and Efficient Development of Cell Spheroids. Polymers, 17(13).

Lee HHY, et al. (2024) Inhibition of Aberrantly Overexpressed Polo-like Kinase 4 Is a Potential Effective Treatment for DNA Damage Repair-Deficient Uterine Leiomyosarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(17), 3904.

Freeland J, et al. (2024) Genetic Screen in a Preclinical Model of Sarcoma Development Defines Drivers and Therapeutic Vulnerabilities. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(21), 4957.

Hwang JR, et al. (2023) Ulipristal acetate, a selective progesterone receptor modulator, induces cell death via inhibition of STAT3/CCL2 signaling pathway in uterine sarcoma. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 168, 115792.

Missiaen R, et al. (2022) GCN2 inhibition sensitizes arginine-deprived hepatocellular carcinoma cells to senolytic treatment. Cell metabolism, 34(8), 1151.

Zhu C, et al. (2021) Cancer-associated exportin-6 upregulation inhibits the transcriptionally repressive and anticancer effects of nuclear profilin-1. Cell reports, 34(7), 108749.

Hemming ML, et al. (2020) Oncogenic Gene-Expression Programs in Leiomyosarcoma and Characterization of Conventional, Inflammatory, and Uterogenic Subtypes. Molecular cancer research : MCR, 18(9), 1302.