Resource Summary Report

Generated by NIF on Sep 12, 2026

SK-ES-1

RRID:CVCL_0627
Type: Cell Line

Proper Citation

RRID:CVCL_0627

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0627

Proper Citation: RRID:CVCL_0627

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

Sex: Male

Disease: Ewing sarcoma

Defining Citation: PMID:327080, PMID:833871, PMID:3518877, PMID:6220172, PMID:8040301, PMID:8221663, PMID:8378080, PMID:8617485, PMID:9738976, PMID:11423975, PMID:11891184, PMID:12054564, PMID:18082704, PMID:18160777, PMID:19787792, PMID:20215515, PMID:21822310, PMID:22142829, PMID:22460905, PMID:25010205, PMID:25223734, PMID:25877200, PMID:26351324, PMID:26428435, PMID:26589293, PMID:27397505, PMID:28196595, PMID:29464090, PMID:30879952, PMID:30894373, PMID:31068700, PMID:31978347, PMID:35839778, PMID:36476851

Comments: Miscellaneous: The signal for the amelogenin "Y" allele is quite weak (MSKCC)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: MD Anderson Cell Lines Project., Part of: Ewing Sarcoma Cell Line Atlas (ESCLA)., 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-ES-1

Synonyms: Sk-Es-1, Sk-ES-1, SK ES 01, SK-ES1, SKES-1, SKES1, SK-ES

Cross References: CLO:CLO_0009036, EFO:EFO_0002858, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-86, BCRJ:0266, BioGRID_ORCS_Cell_line:195, BioSample:SAMN03472758, BioSample:SAMN03473516, BioSample:SAMN10987953, cancercelllines:CVCL_0627, Cell_Model_Passport:SIDM01111, ChEMBL-Cells:CHEMBL3307826, ChEMBL-Targets:CHEMBL613970, CLS:300435, Cosmic:684072, Cosmic:759888, Cosmic:1078385, Cosmic:1082505, Cosmic:1085904, Cosmic:1388894, Cosmic:1718430, Cosmic:1995629, Cosmic:2060800, Cosmic:2228231, Cosmic:2250467, Cosmic-CLP:684072, DepMap:ACH-000087, DSMZ:ACC-518, DSMZCellDive:ACC-518, EGA:EGAS00001000978, GDSC:684072, GEO:GSM393027, GEO:GSM510008, GEO:GSM510017, GEO:GSM510018, GEO:GSM827589, GEO:GSM887577, GEO:GSM888660, GEO:GSM1670428, GEO:GSM1676343, GEO:GSM1701674, GEO:GSM5359694, GEO:GSM5359695, GEO:GSM5359696, GEO:GSM5359697, GEO:GSM5359698, GEO:GSM5359699, GEO:GSM5362957, GEO:GSM5362958, GEO:GSM5362959, GEO:GSM5362960, GEO:GSM5362961, GEO:GSM5362962, GEO:GSM5364001, GEO:GSM5364002, GEO:GSM5364003, GEO:GSM5364004, GEO:GSM5364005, IARC_TP53:710, IGRhCellID:SKES%20%20GEO, LiGeA:CCLE_862, LINCS_LDP:LCL-1434, PharmacoDB:SKES1_1387_2019, PRIDE:PXD030304, Progenetix:CVCL_0627, PubChem_Cell_line:CVCL_0627, Wikidata:Q54953654

ID: CVCL_0627

Record Creation Time: 20220427T221544+0000

Record Last Update: 20260913T010041+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Clausen J, et al. (2026) Autophagy impairs the sensitivity of Ewing sarcoma cells to PARP inhibitors. Cancer chemotherapy and pharmacology, 96(1).

Offenbacher R, et al. (2025) Polyamine Depletion by D, L-alpha-difluoromethylornithine Inhibits Ewing Sarcoma Metastasis by Inducing Ferroptosis. Clinical cancer research : an official journal of the American Association for Cancer Research.

Ziener J, et al. (2025) Combined inhibition of ribonucleotide reductase and WEE1 induces synergistic anticancer activity in Ewing's sarcoma cells. BMC cancer, 25(1), 277.

Abdalla S, et al. (2025) Identification of novel small molecule inhibitors of ETS transcription factors. FEBS letters, 599(12), 1733.

Zhang J, et al. (2025) Enabling tumor-specific drug delivery by targeting the Warburg effect of cancer. Cell reports. Medicine, 6(1), 101920.

Kailayangiri S, et al. (2024) Protocol for assessing GD2 on formalin-fixed paraffin-embedded tissue sections using immunofluorescence staining. STAR protocols, 5(3), 103199.

Manara MC, et al. (2024) Engagement of CD99 Activates Distinct Programs in Ewing Sarcoma and Macrophages. Cancer immunology research, 12(2), 247.

Pezzella M, et al. (2024) Tumor-derived G-CSF induces an immunosuppressive microenvironment in an osteosarcoma model, reducing response to CAR.GD2 T-cells. Journal of hematology & oncology, 17(1), 127.

Suvarna K, et al. (2024) Ceramide-induced cleavage of GPR64 intracellular domain drives Ewing sarcoma. Cell reports, 43(8), 114497.

Sturm MJ, et al. (2023) Synergistic anticancer activity of combined ATR and ribonucleotide reductase inhibition in Ewing's sarcoma cells. Journal of cancer research and clinical oncology.

Turaga SM, et al. (2023) Inducing Mitotic Catastrophe as a Therapeutic Approach to Improve Outcomes in Ewing Sarcoma. Cancers, 15(20).

Mancarella C, et al. (2023) Extracellular vesicle-associated IGF2BP3 tunes Ewing sarcoma cell migration and affects PI3K/Akt pathway in neighboring cells. Cancer gene therapy, 30(9), 1285.

Palombo R, et al. (2023) Inhibition of the PI3K/AKT/mTOR signaling promotes an M1 macrophage switch by repressing the ATF3-CXCL8 axis in Ewing sarcoma. Cancer letters, 555, 216042.

Fuest S, et al. (2022) Relevance of Abnormal KCNN1 Expression and Osmotic Hypersensitivity in Ewing Sarcoma. Cancers, 14(19).

Orth MF, et al. (2022) Systematic multi-omics cell line profiling uncovers principles of Ewing sarcoma fusion oncogene-mediated gene regulation. Cell reports, 41(10), 111761.

Lin TY, et al. (2021) Novel potent anti-STEAP1 bispecific antibody to redirect T cells for cancer immunotherapy. Journal for immunotherapy of cancer, 9(9).

Dirks WG, et al. (2021) Cross???contamination meets misclassification: Awakening of CHP-100 from sleeping beauty sleep-A reviewed model for Ewing's sarcoma. International journal of cancer.

Hoshino A, et al. (2020) Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. Cell, 182(4), 1044.

Zhou F, et al. (2020) GDF6-CD99 Signaling Regulates Src and Ewing Sarcoma Growth. Cell reports, 33(5), 108332.