

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

SK-NEP-1

RRID:CVCL_0631

Type: Cell Line

Proper Citation

RRID:CVCL_0631

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0631

Proper Citation: RRID:CVCL_0631

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

Sex: Female

Disease: Ewing sarcoma

Defining Citation: [PMID:327080](#), [PMID:571047](#), [PMID:833871](#), [PMID:3518877](#), [PMID:6244232](#), [PMID:7459858](#), [PMID:17154184](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:25010205](#), [PMID:28196595](#), [PMID:28489074](#), [PMID:30894373](#), [PMID:30924592](#), [PMID:31006967](#), [PMID:31068700](#)

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)., Problematic cell line: Misclassified. Originally thought to be a Wilm's tumor cell line but shown to be from an Ewing sarcoma (PubMed=17154184; PubMed=30924592)..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SK-NEP-1

Synonyms: SKNEP-1, SKNEP1, SKNEP

Cross References: CLO:CLO_0009055, EFO:EFO_0002337, CLDB:cl4353, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, ATCC:HTB-48, BioSample:SAMN03472745, BioSample:SAMN10989620,

cancercelllines:CVCL_0631, CCRID:3101HUMTCHu164,
Cell_Model_Passport:SIDM00027, ChEMBL-Cells:ChEMBL3308141, ChEMBL-
Targets:ChEMBL1075580, CLS:300341, Cosmic:688125, Cosmic:909730,
Cosmic:1112129, Cosmic:1196558, Cosmic:2060801, Cosmic:2228232, Cosmic:2294587,
Cosmic-CLP:909730, DepMap:ACH-001192, EGA:EGAS00001000978, GDSC:909730,
GEO:GSM827180, GEO:GSM844692, GEO:GSM845556, GEO:GSM1670452,
IARC_TP53:27243, IGRhCellID:SKNEP1, IZSLER:BS TCL 61, LINCS_LDP:LCL-1802,
PharmacoDB:SKNEP1_1410_2019, Progenetix:CVCL_0631,
PubChem_Cell_line:CVCL_0631, Wikidata:Q54954488

ID: CVCL_0631

Record Creation Time: 20220427T221547+0000

Record Last Update: 20260815T235826+0000

Ratings and Alerts

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

Warning: Problematic cell line: Misclassified. Originally thought to be a Wilm's tumor cell line but shown to be from an Ewing sarcoma (PubMed=17154184).

Registration: Memorial Sloan Kettering Cancer Center Office of Technology Development; SK2008-052.

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)., Problematic cell line: Misclassified. Originally thought to be a Wilm's tumor cell line but shown to be from an Ewing sarcoma (PubMed=17154184; PubMed=30924592)..

Warning: Problematic cell line: Misidentified. Originally thought to be a Wilm's tumor cell line but shown to be from an Ewing sarcoma (PubMed=17154184).

Registration: Memorial Sloan Kettering Cancer Center Office of Technology Development; SK2008-052.

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)., Problematic cell line: Misclassified. Originally thought to be a Wilm's tumor cell line but shown to be from an Ewing sarcoma (PubMed=17154184; PubMed=30924592)..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Koppenhafer SL, et al. (2026) DNA replication stress and translational repression converge to drive CDK1- and caspase-dependent apoptosis in Ewing sarcoma. *Oncogene*, 45(28), 2823.

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

Charan M, et al. (2020) GD2-directed CAR-T cells in combination with HGF-targeted neutralizing antibody (AMG102) prevent primary tumor growth and metastasis in Ewing sarcoma. *International journal of cancer*, 146(11), 3184.

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