

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 5, 2025

SKM-1

RRID:CVCL_0098

Type: Cell Line

Proper Citation

(RRID:CVCL_0098)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0098

Proper Citation: (RRID:CVCL_0098)

Sex: Male

Defining Citation: [PMID:8136267](#), [PMID:8580805](#), [PMID:16408098](#), [PMID:20164919](#), [PMID:21989985](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:27750403](#), [PMID:30285677](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Caution: TP53 mutation indicated incorrectly as being at p.Tyr327His (c.981T>C) in PubMed=8136267., Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Japanese., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Name: SKM-1

Synonyms: SKM1

Cross References: BTO:BTO_0006520, CLO:CLO_0037289, EFO:EFO_0006753, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:218, BioSample:SAMN03470798, BioSample:SAMN03473113, BioSample:SAMN10988125, cancercellines:CVCL_0098, Cell_Model_Passport:SIDM00380, ChEMBL-Cells:ChEMBL3308216, ChEMBL-Targets:ChEMBL2366085, Cosmic:787477, Cosmic:909722, Cosmic:975300,

Cosmic:1012119, Cosmic:1078731, Cosmic:1465964, Cosmic:1551462, Cosmic:2131566, Cosmic:2750855, Cosmic-CLP:909722, DepMap:ACH-000373, DSMZ:ACC-547, DSMZCellDive:ACC-547, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:909722, GEO:GSM482513, GEO:GSM887581, GEO:GSM888664, GEO:GSM1374880, GEO:GSM1446741, GEO:GSM1670435, GEO:GSM2124121, IARC_TP53:27238, JCRB:JCRB0118, JCRB:NIHS0147, LiGeA:CCLE_537, Pharmacodb:SKM1_1418_2019, PRIDE:PXD030304, Progenetix:CVCL_0098, PubChem_Cell_line:CVCL_0098, Wikidata:Q54954746

ID: CVCL_0098

Record Creation Time: 20250131T202634+0000

Record Last Update: 20250131T204601+0000

Ratings and Alerts

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

Warning: Discontinued: JCRB; NIHS0147

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Caulier B, et al. (2024) CD37 is a safe chimeric antigen receptor target to treat acute myeloid leukemia. Cell reports. Medicine, 5(6), 101572.

Yabushita T, et al. (2023) Mitotic perturbation is a key mechanism of action of decitabine in myeloid tumor treatment. Cell reports, 42(9), 113098.

Letson CT, et al. (2023) Targeting BET Proteins Downregulates miR-33a To Promote Synergy with PIM Inhibitors in CMML. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(15), 2919.

Rice WG, et al. (2022) Luxeptinib (CG-806) Targets FLT3 and Clusters of Kinases Operative in Acute Myeloid Leukemia. *Molecular cancer therapeutics*, 21(7), 1125.

Vilaplana-Lopera N, et al. (2022) Crosstalk between AML and stromal cells triggers acetate secretion through the metabolic rewiring of stromal cells. *eLife*, 11.

Hernández-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. *Cell stem cell*, 29(5), 760.

Hoseini SS, et al. (2021) T cell engaging bispecific antibodies targeting CD33 IgV and IgC domains for the treatment of acute myeloid leukemia. *Journal for immunotherapy of cancer*, 9(5).

Pallarès V, et al. (2021) Antineoplastic effect of a diphtheria toxin-based nanoparticle targeting acute myeloid leukemia cells overexpressing CXCR4. *Journal of controlled release : official journal of the Controlled Release Society*, 335, 117.

Takao S, et al. (2021) Convergent organization of aberrant MYB complex controls oncogenic gene expression in acute myeloid leukemia. *eLife*, 10.

Sivakumaren SC, et al. (2020) Targeting the PI5P4K Lipid Kinase Family in Cancer Using Covalent Inhibitors. *Cell chemical biology*, 27(5), 525.

Jin S, et al. (2020) 5-Azacitidine Induces NOXA to Prime AML Cells for Venetoclax-Mediated Apoptosis. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 26(13), 3371.

Bai L, et al. (2019) A Potent and Selective Small-Molecule Degradator of STAT3 Achieves Complete Tumor Regression In Vivo. *Cancer cell*, 36(5), 498.

Fiskus W, et al. (2019) Superior efficacy of cotreatment with BET protein inhibitor and BCL2 or MCL1 inhibitor against AML blast progenitor cells. *Blood cancer journal*, 9(2), 4.

Lin R, et al. (2018) The Dietary Supplement Chondroitin-4-Sulfate Exhibits Oncogene-Specific Pro-tumor Effects on BRAF V600E Melanoma Cells. *Molecular cell*, 69(6), 923.

Reyna DE, et al. (2017) Direct Activation of BAX by BTSA1 Overcomes Apoptosis Resistance in Acute Myeloid Leukemia. *Cancer cell*, 32(4), 490.