

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

SGC-7901

RRID:CVCL_0520

Type: Cell Line

Proper Citation

RRID:CVCL_0520

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0520

Proper Citation: RRID:CVCL_0520

Description: Cell line SGC-7901 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Human papillomavirus-related endocervical adenocarcinoma

Defining Citation: [PMID:6443274](#), [PMID:16038636](#), [PMID:16525997](#), [PMID:22576950](#), [PMID:26116706](#), [PMID:27917905](#), [PMID:28498440](#), [PMID:28851942](#), [PMID:29717028](#)

Comments: Miscellaneous: Formerly the CCRID database had 2 entries describing this cell line (3111C0001CCC000236, 3131C0001000700046). They were one of the sources for the STR profile of this entry., Population: African American., Problematic cell line: Contaminated. Shown to be a HeLa derivative (PubMed=26116706; PubMed=28851942). Originally thought to originate from the lymph node of a 56 year old female patient with a gastric carcinoma..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SGC-7901

Synonyms: SGC 7901, SGC7901

Cross References: BTO:BTO_0002392, EFO:EFO_0006293, MCCL:MCC:0000418, CCTCC:GDC0150, ChEMBL-Cells:ChEMBL3307739, ChEMBL-Targets:ChEMBL614909, GEO:GSM844685, GEO:GSM1374869, PubChem_Cell_line:CVCL_0520, TOKU-E:3764, Wikidata:Q54953170

ID: CVCL_0520

Hierarchy: cvcl_0030

Record Creation Time: 20220427T221540+0000

Record Last Update: 20260815T235809+0000

Ratings and Alerts

No rating or validation information has been found for SGC-7901.

Warning: Problematic cell line: Contaminated. Shown to be a HeLa derivative (PubMed=26116706; PubMed=28851942). Originally thought to originate from the lymph node of a 56 year old female patient with a gastric carcinoma.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00577.

Miscellaneous: Formerly the CCRID database had 2 entries describing this cell line (3111C0001CCC000236, 3131C0001000700046). They were one of the sources for the STR profile of this entry., Population: African American., Problematic cell line: Contaminated. Shown to be a HeLa derivative (PubMed=26116706; PubMed=28851942). Originally thought to originate from the lymph node of a 56 year old female patient with a gastric carcinoma..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1072 mentions in open access literature.

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

Ma Y, et al. (2026) Large-Scale Quantitative Morphometry of Platelet ??-Granules via SIM Super-Resolution Microscopy for Cancer Liquid Biopsy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(34), e75094.

Li Y, et al. (2026) The sulfonamide anticancer agent indisulam enhances the chemosensitivity of gastric cancer cells by targeting FKBP8. The FEBS journal.

Yu S, et al. (2026) Tumor-Derived Exosomal TAGLN2 Promotes Metastasis by Inducing Vascular Permeability and Angiogenesis via the NRP1/SEMA4D/YAP Axis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(29), e21962.

He ZNT, et al. (2026) H2S induces apoptosis of tumors with high IDO1 expression via NR4A1-BCL-2 and SOCS3 pathways. Cellular & molecular biology letters, 31(1).

Liao F, et al. (2026) Nerves Stimulate Cross-talk Between Gastric Cancer and Group 3 Innate Lymphoid Cells to Enhance Immunosuppression. *Cancer research*, 86(8), 1968.

Jian X, et al. (2026) Isolation, Identification, and in Vitro Antitumor Activity of Polyphenols From *Euryale ferox* Salisb. Shell. *Chemistry & biodiversity*, 23(1), e03188.

Yang L, et al. (2026) Trichostatin Analogues From the Karst Cave Associated *Streptomyces* sp. DX6D14. *Chemistry & biodiversity*, 23(5), e71334.

Li B, et al. (2025) Manipulating the cGAS-STING Axis: advancing innovative strategies for osteosarcoma therapeutics. *Frontiers in immunology*, 16, 1539396.

Ji Y, et al. (2025) Dual-Channel NIR Fluorescence Imaging for Precise Delineation of Gastric Tumor Margins. *Biomaterials research*, 29, 0275.

Xie Y, et al. (2025) KRT23 promotes proliferation invasion and metastasis of gastric cancer through epithelial-mesenchymal transition mediated by the PI3K/AKT/mTOR signaling pathway. *Translational cancer research*, 14(10), 6520.

Li K, et al. (2025) PICK1 modulates the proliferation and migration of gastric cancer cells by regulating TLR4. *Journal of Zhejiang University. Science. B*, 27(1), 58.

Zhang Z, et al. (2025) Preparation and characterization of renal cell peptides from fetal rats for their antitumor activity. *FEBS open bio*.

Zhai XM, et al. (2025) CircMORC1 downregulated in plasma EVs promotes gastric cancer cell proliferation and invasion via miR-103a-1-5p sponging. *BMC cancer*, 25(1), 1313.

Cao T, et al. (2024) Cancer SLC6A6-mediated taurine uptake transactivates immune checkpoint genes and induces exhaustion in CD8⁺ T cells. *Cell*, 187(9), 2288.

Lu X, et al. (2023) Integrated proteome and phosphoproteome analysis of gastric adenocarcinoma reveals molecular signatures capable of stratifying patient outcome. *Molecular oncology*, 17(2), 261.

Guo F, et al. (2023) Natural killer cell therapy targeting cancer stem cells: Old wine in a new bottle. *Cancer letters*, 570, 216328.

Zhang C, et al. (2023) Centrosomal protein 120 promotes centrosome amplification and gastric cancer progression via USP54-mediated deubiquitination of PLK4. *iScience*, 26(1), 105745.

Xu H, et al. (2023) The natural product dehydrocurvularin induces apoptosis of gastric cancer cells by activating PARP-1 and caspase-3. *Apoptosis : an international journal on programmed cell death*, 28(3-4), 525.

Wang D, et al. (2023) *Ferula sinkiangensis* against gastric cancer: a network pharmacology, molecular docking and cell experiment study. *Translational cancer research*, 12(4), 743.

Xie W, et al. (2023) ASAP1 activates the IQGAP1/CDC42 pathway to promote tumor progression and chemotherapy resistance in gastric cancer. *Cell death & disease*, 14(2), 124.