

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

SK-GT-4

RRID:CVCL_2195

Type: Cell Line

Proper Citation

RRID:CVCL_2195

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2195

Proper Citation: RRID:CVCL_2195

Description: Cell line SK-GT-4 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Esophageal adenocarcinoma

Defining Citation: [PMID:7665247](#), [PMID:8334620](#), [PMID:11520067](#), [PMID:20075370](#), [PMID:20139130](#), [PMID:23795680](#), [PMID:26317542](#), [PMID:27397505](#), [PMID:27594985](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:35839778](#)

Comments: Caution: TP53 mutation indicated incorrectly as being at p.Arg175His (c.524G>A) in PubMed=7665247., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., 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-GT-4

Synonyms: SKGT4, SK4

Cross References: EFO:EFO_0001237, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:1011, BioSample:SAMN03473395, cancercellines:CVCL_2195, Cell_Model_Passport:SIDM00483, Cosmic:1599346, Cosmic-CLP:1503365, DepMap:ACH-001654, DSMZ:ACC-712, DSMZCellDive:ACC-712, ECACC:11012007, EGA:EGAS00001000978, GDSC:1503365, GEO:GSE2144,

GEO:GSE13376, GEO:GSM1374878, GEO:GSM1670431, IARC_TP53:4079, PharmacDB:SKGT4_1389_2019, PRIDE:PXD030304, Wikidata:Q54953662

ID: CVCL_2195

Record Creation Time: 20220427T221544+0000

Record Last Update: 20260829T235925+0000

Ratings and Alerts

No rating or validation information has been found for SK-GT-4.

No alerts have been found for SK-GT-4.

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](#) .

Song JH, et al. (2021) Novel Long Noncoding RNA miR205HG Functions as an Esophageal Tumor-Suppressive Hedgehog Inhibitor. *Cancers*, 13(7).

Calderon-Aparicio A, et al. (2020) RCC2 Promotes Esophageal Cancer Growth by Regulating Activity and Expression of the Sox2 Transcription Factor. *Molecular cancer research : MCR*, 18(11), 1660.

Barber G, et al. (2020) Characterizing caspase-1 involvement during esophageal disease progression. *Cancer immunology, immunotherapy : CII*, 69(12), 2635.

Zhang J, et al. (2019) Glucose Drives Growth Factor-Independent Esophageal Cancer Proliferation via Phosphohistidine-Focal Adhesion Kinase Signaling. *Cellular and molecular gastroenterology and hepatology*, 8(1), 37.