Resource Summary Report

Generated by RRID on Sep 9, 2026

T/G HA-VSMC

RRID:CVCL_4009
Type: Cell Line

Proper Citation

RRID:CVCL_4009

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4009

Proper Citation: RRID:CVCL_4009

Description: Cell line T/G HA-VSMC is a Finite cell line with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Population: Caucasian.

Category: Finite cell line

Organism: Homo sapiens (Human)

Name: T/G HA-VSMC

Synonyms: T/G HA VSMC, T/G HA-vSMC, T/GHA-VSMC, TGHAVSMC, T/G Human Aortic Vascular Smooth Muscle Cells

Cross References: BTO:BTO_0001962, CLO:CLO_0009237, CLDB:cl4470, ATCC:CRL-1999, BioSample:SAMN03471275, CCRID:4201HUM-CCTCC00632, ECACC:94102702, IZSLER:BS CL 149, Lonza:1084, NCBI_Iran:C591, Wikidata:Q54971378

ID: CVCL_4009

Record Creation Time: 20220427T221617+0000

Record Last Update: 20260905T182528+0000

Ratings and Alerts

No rating or validation information has been found for T/G HA-VSMC.

Warning: Discontinued: ECACC; 94102702
Population: Caucasian.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Zhu Z, et al. (2026) A neurovascular survival axis for adult sympathetic neurons. Neuron.

Bao Y, et al. (2025) Long noncoding RNA MIAT regulates VSMC migration by sponging miR-326. Science progress, 108(2), 368504251335854.

Liu Y, et al. (2024) CircTMEM165 facilitates endothelial repair by modulating mitochondrial fission via miR-192/SCP2 in vitro and in vivo. iScience, 27(4), 109502.

Peng Z, et al. (2023) PKR deficiency delays vascular aging via inhibiting GSDMD-mediated endothelial cell hyperactivation. iScience, 26(1), 105909.

Zhou Y, et al. (2023) SMYD2 regulates vascular smooth muscle cell phenotypic switching and intimal hyperplasia via interaction with myocardin. Cellular and molecular life sciences : CMLS, 80(9), 264.

Zhou Y, et al. (2023) SMYD2 Regulates Vascular Smooth Muscle Cell Phenotypic Switching and Intimal Hyperplasia via Interaction with Myocardin. Research square.

Song W, et al. (2023) Oxidative stress drives vascular smooth muscle cell damage in acute Stanford type A aortic dissection through HIF-1?/HO-1 mediated ferroptosis. Heliyon, 9(12), e22857.

Zhang Q, et al. (2023) Overexpression of LOX-1 in hepatocytes protects vascular smooth muscle cells from phenotype transformation and wire injury induced carotid neoatherosclerosis through ALOX15. Biochimica et biophysica acta. Molecular basis of disease, 1869(8), 166805.

Abudupataer M, et al. (2021) Aorta smooth muscle-on-a-chip reveals impaired mitochondrial dynamics as a therapeutic target for aortic aneurysm in bicuspid aortic valve disease. eLife, 10.

Ma Y, et al. (2021) Uterine decidual niche modulates the progressive dedifferentiation of spiral artery vascular smooth muscle cells during human pregnancy†. Biology of reproduction, 104(3), 624.

Wang W, et al. (2020) MicroRNA-374 is a potential diagnostic biomarker for atherosclerosis and regulates the proliferation and migration of vascular smooth muscle cells. Cardiovascular diagnosis and therapy, 10(4), 687.

Huang C, et al. (2020) Ulinastatin Inhibits the Proliferation, Invasion and Phenotypic Switching of PDGF-BB-Induced VSMCs via Akt/eNOS/NO/cGMP Signaling Pathway. Drug design, development and therapy, 14, 5505.