Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 28, 2025

T/G HA-VSMC

RRID:CVCL_4009
Type: Cell Line

Proper Citation

(ATCC Cat# CRL-1999, RRID:CVCL_4009)

Cell Line Information

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

Proper Citation: (ATCC Cat# CRL-1999, RRID:CVCL_4009)

Sex: Female

Comments: Population: Caucasian.

Category: Finite cell line

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

Vendor: ATCC

Catalog Number: CRL-1999

Record Creation Time: 20250131T202740+0000

Record Last Update: 20250131T204720+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 10 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

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.

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

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.

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.