

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

Hs 68

RRID:CVCL_0839

Type: Cell Line

Proper Citation

ECACC Cat# 89051701, RRID:CVCL_0839

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0839

Proper Citation: ECACC Cat# 89051701, RRID:CVCL_0839

Description: Cell line Hs 68 is a Finite cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Canavan disease

Defining Citation: [PMID:23311377](#)

Comments: Senescence: Senescences after 42 PDL (ATCC=CRL-1635)., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982).

Category: Finite cell line

Organism: Homo sapiens (Human)

Name: Hs 68

Synonyms: HS 68, HS-68, Hs68

Cross References: BTO:BTO_0002260, CLO:CLO_0004041, CLO:CLO_0004255, EFO:EFO_0022453, CLDB:cl1719, ATCC:CRL-1635, BCRC:60038, BioSample:SAMN01821561, BioSample:SAMN01821730, BioSample:SAMN03471410, CCRID:4201HUM-CCTCC00614, CCTCC:GDC0403, ChEMBL-Cells:ChEMBL3307408, ChEMBL-Targets:ChEMBL614578, ECACC:89051701, GEO:GSE39177, JCRB:IFO50350, PubChem_Cell_line:CVCL_0839, Wikidata:Q54895867

ID: CVCL_0839

Vendor: ECACC

Catalog Number: 89051701

Record Creation Time: 20220427T220608+0000

Record Last Update: 20260815T234235+0000

Ratings and Alerts

No rating or validation information has been found for Hs 68.

No alerts have been found for Hs 68.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 146 mentions in open access literature.

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

Herrera MA, et al. (2026) Mitochondrial fatty acid oxidation is stimulated by red light irradiation. FEBS letters, 600(1), 20.

Dietrich C, et al. (2024) INX-315, a Selective CDK2 Inhibitor, Induces Cell Cycle Arrest and Senescence in Solid Tumors. Cancer discovery, 14(3), 446.

Strack M, et al. (2024) Effects of tumor treating fields (TTFields) on human mesenchymal stromal cells. Journal of neuro-oncology, 169(2), 329.

Abu-Zaid A, et al. (2024) Histone lysine demethylase 4 family proteins maintain the transcriptional program and adrenergic cellular state of MYCN-amplified neuroblastoma. Cell reports. Medicine, 5(3), 101468.

Choo JH, et al. (2023) Iris Pallida Extract Alleviates Cortisol-Induced Decrease in Type 1 Collagen and Hyaluronic Acid Syntheses in Human Skin Cells. Current issues in molecular biology, 45(1), 353.

Janik-Karpinska E, et al. (2023) Mitochondrial Damage Induced by T-2 Mycotoxin on Human Skin-Fibroblast Hs68 Cell Line. Molecules (Basel, Switzerland), 28(5).

Wang RT, et al. (2023) Extract of Bletilla formosana callus elevates cellular antioxidative activity via Nrf2/HO-1 signaling pathway and inhibits melanogenesis in zebrafish. Journal, genetic engineering & biotechnology, 21(1), 26.

Vigna J, et al. (2023) Expanding the Chemical Space of Arsenicin A-C Related Polyarsenicals and Evaluation of Some Analogs as Inhibitors of Glioblastoma Stem Cell

Growth. Marine drugs, 21(3).

Choi D, et al. (2023) Identification of Glucocorticoid Receptor Target Genes That Potentially Inhibit Collagen Synthesis in Human Dermal Fibroblasts. Biomolecules, 13(6).

Park JY, et al. (2023) Latilactobacillus sakei Wikim0066 Protects Skin through MMP Regulation on UVB-Irradiated In Vitro and In Vivo Model. Nutrients, 15(3).

Cho J, et al. (2023) The Skin-Whitening and Antioxidant Effects of Protocatechuic Acid (PCA) Derivatives in Melanoma and Fibroblast Cell Lines. Current issues in molecular biology, 45(3), 2157.

Tsai WH, et al. (2023) Heat-killed Lactocaseibacillus paracasei GMNL-653 ameliorates human scalp health by regulating scalp microbiome. BMC microbiology, 23(1), 121.

Kumkoon T, et al. (2023) Engineering BinB Pore-Forming Toxin for Selective Killing of Breast Cancer Cells. Toxins, 15(4).

Siddiqui F, et al. (2023) First trimester human umbilical cord perivascular cells (HUCPVC) modulate the kynurenine pathway and glutamate neurotransmission in an LPS-induced mouse model of neuroinflammation. Journal of inflammation (London, England), 20(1), 15.

Kang W, et al. (2023) The Role of Cyclic Adenosine Monophosphate (cAMP) in Modulating Glucocorticoid Receptor Signaling and Its Implications on Glucocorticoid-Related Collagen Loss. International journal of molecular sciences, 24(12).

Chaiyana W, et al. (2023) Enhanced Cosmeceutical Potentials of the Oil from Gryllus bimaculatus de Geer by Nanoemulsions. International journal of nanomedicine, 18, 2955.

Kalavacharla A, et al. (2023) Atypical patterns of human cytomegalovirus infection and spread in U373 glioblastoma cells. Virus research, 330, 199112.

Lee JJ, et al. (2022) Galangin Reverses H₂O₂-Induced Dermal Fibroblast Senescence via SIRT1-PGC-1 α /Nrf2 Signaling. International journal of molecular sciences, 23(3).

Hsu MJ, et al. (2022) Suppressing VEGF-A/VEGFR-2 Signaling Contributes to the Anti-Angiogenic Effects of PPE8, a Novel Naphthoquinone-Based Compound. Cells, 11(13).

Chang CK, et al. (2022) Terminalia catappa leaf extracts inhibited metastasis of A2058 and A375 melanoma cells via downregulating p-Src and β -catenin pathway in vitro. Frontiers in pharmacology, 13, 963589.