

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Mel270

RRID:CVCL_C302

Type: Cell Line

Proper Citation

RRID:CVCL_C302

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_C302

Proper Citation: RRID:CVCL_C302

Description: Cell line Mel270 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Uveal melanoma

Defining Citation: [PMID:9247253](#), [PMID:16772116](#), [PMID:22236444](#), [PMID:22383533](#), [PMID:23849826](#), [PMID:28018010](#), [PMID:38601020](#), [PMID:39042403](#)

Comments: Characteristics: Exhibits a mesenchymal phenotype (PubMed=38601020)., From: Ksander, Bruce R.; Schepens Eye Research Institute; Boston; USA., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Mel270

Synonyms: MEL270, Mel-270, Mel 270

Cross References: cancercellines:CVCL_C302, Cell_Model_Passport:SIDM01845, Cosmic:848330, Cosmic:899898, Cosmic:916144, Cosmic:986621, Cosmic:1628396, Cosmic:1669124, Cosmic:2036707, DepMap:ACH-002014, IARC_TP53:23397, ICLC:HTL13002, PRIDE:PXD051055, Wikidata:Q54905163

ID: CVCL_C302

Record Creation Time: 20220427T220802+0000

Record Last Update: 20260905T181135+0000

Ratings and Alerts

No rating or validation information has been found for Mel270.

No alerts have been found for Mel270.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Jin B, et al. (2026) CDK6/4 inactivates BAP1 deubiquitinase destabilizing VHL to promote metastatic colonization in liver. *Molecular cancer*, 25(1).

Luan C, et al. (2026) Network-based analysis reveals potential microRNA regulation of oncogenic pathways in SOX10-depleted uveal melanoma. *Cellular and molecular life sciences : CMLS*, 83(1).

Sriramareddy S, et al. (2026) GDF15 Reprograms the Microenvironment to Drive Liver Metastasis of Uveal Melanoma. *Cancer research*.

Ali MM, et al. (2026) The Imipridone ONC206 Inhibits Tumor Growth and Improves Survival in Patient-Derived Xenograft Models of Uveal Melanoma. *Cancers*, 18(12).

Michel M, et al. (2025) Noninvasive Multicancer Detection Using DNA Hypomethylation of LINE-1 Retrotransposons. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(7), 1275.

Bartolomei L, et al. (2025) Exploring p53 isoforms: unraveling heterogeneous p53 tumor suppressor functionality in uveal melanoma. *Cell death discovery*, 12(1), 39.

He Y, et al. (2025) The Discovery of α -Adrenoceptor Antagonists as a Potential New Treatment Option for Uveal Melanoma. *Biomolecules*, 15(10).

Chattopadhyay C, et al. (2024) Imipridones inhibit tumor growth and improve survival in an orthotopic liver metastasis mouse model of human uveal melanoma. *bioRxiv : the preprint server for biology*.

Zhao A, et al. (2024) Circ_0053943 complexed with IGF2BP3 drives uveal melanoma progression via regulating N6-methyladenosine modification of Epidermal growth factor receptor. *Oncology research*, 32(5), 983.

Pandey GK, et al. (2023) Genetic screens reveal new targetable vulnerabilities in BAP1-deficient mesothelioma. *Cell reports. Medicine*, 4(2), 100915.

Onken MD, et al. (2022) Oncogenic Gq/11 signaling acutely drives and chronically sustains metabolic reprogramming in uveal melanoma. *The Journal of biological chemistry*, 298(1), 101495.

Chattopadhyay C, et al. (2022) Targeting IRS-1/2 in Uveal Melanoma Inhibits In Vitro Cell Growth, Survival and Migration, and In Vivo Tumor Growth. *Cancers*, 14(24).

Onken MD, et al. (2021) Targeting primary and metastatic uveal melanoma with a G protein inhibitor. *The Journal of biological chemistry*, 296, 100403.

Chattopadhyay C, et al. (2019) Elevated Endogenous SDHA Drives Pathological Metabolism in Highly Metastatic Uveal Melanoma. *Investigative ophthalmology & visual science*, 60(13), 4187.