

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

OCM-1

RRID:CVCL_6934

Type: Cell Line

Proper Citation

RRID:CVCL_6934

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6934

Proper Citation: RRID:CVCL_6934

Description: Cell line OCM-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Amelanotic melanoma

Defining Citation: [PMID:2722439](#), [PMID:8621261](#), [PMID:9154388](#), [PMID:15714118](#), [PMID:16772116](#), [PMID:17487557](#), [PMID:18689700](#), [PMID:22236444](#), [PMID:23849826](#), [PMID:28940260](#)

Comments: Population: Caucasian., Problematic cell line: Contaminated. Shown to be a M14 derivative (PubMed=28940260). Originally thought to originate from a female patient with uveal melanoma..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: OCM-1

Synonyms: OCM1, Ocm1, Ocular Choroidal Melanoma-1

Cross References: BTO:BTO_0002736, cancercellines:CVCL_6934, Cosmic:848327, Cosmic:899892, Cosmic:916139, Cosmic:986617, Cosmic:1320368, Cosmic:1628408, GEO:GSM276733, Wikidata:Q54931805

ID: CVCL_6934

Hierarchy: cvcl_1395

Record Creation Time: 20220427T221356+0000

Record Last Update: 20260815T235420+0000

Ratings and Alerts

No rating or validation information has been found for OCM-1.

Warning: Problematic cell line: Contaminated. Shown to be a M14 derivative (PubMed=28940260). Originally thought to originate from a female patient with uveal melanoma.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00502.

Population: Caucasian., Problematic cell line: Contaminated. Shown to be a M14 derivative (PubMed=28940260). Originally thought to originate from a female patient with uveal melanoma..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Onken MD, et al. (2025) Inositol (1,4,5)-trisphosphate 5-phosphatase promotes survival of uveal melanoma by regulating oncogenic G protein-driven calcium oscillations. The Journal of biological chemistry, 301(9), 110589.

Szabó I, et al. (2024) Targeting the Melanocortin 1 Receptor in Melanoma: Biological Activity of γ -MSH-Peptide Conjugates. International journal of molecular sciences, 25(2).

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.

Onken MD, et al. (2023) Protein Kinase Signaling Networks Driven by Oncogenic Gq/11 in Uveal Melanoma Identified by Phosphoproteomic and Bioinformatic Analyses. Molecular & cellular proteomics : MCP, 22(11), 100649.

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.

Pan H, et al. (2022) Chromosomal instability-associated MAT1 lncRNA insulates MLL1-guided histone methylation and accelerates tumorigenesis. Cell reports, 41(11), 111829.

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