

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

OECM-1

RRID:CVCL_6782

Type: Cell Line

Proper Citation

RRID:CVCL_6782

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6782

Proper Citation: RRID:CVCL_6782

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

Sex: Male

Disease: Gingival squamous cell carcinoma

Defining Citation: [PMID:8083436](#), [PMID:9877329](#), [PMID:14720193](#), [PMID:15466821](#), [PMID:24825747](#)

Comments: Miscellaneous: STR profile mentioned but not shown in PubMed=24825747; obtained from personal communication of Yuan, Ta-Chun., Population: Chinese; Taiwan.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: OECM-1

Synonyms: OECM1, OEC-M1, Meng-1

Cross References: BTO:BTO_0003964, EFO:EFO_0022621, cancercellines:CVCL_6782, Millipore:SCC180, Wikidata:Q54931868

ID: CVCL_6782

Record Creation Time: 20220427T221356+0000

Record Last Update: 20260905T181952+0000

Ratings and Alerts

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

No alerts have been found for OECM-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Rus F, et al. (2026) Biocompatibility and Cell Death Mechanisms Induced by PMMA-Based Dental Materials in Gingival Fibroblasts and OECM-1 Tumor Cells. Dentistry journal, 14(5).

Huang YH, et al. (2025) Tribbles pseudokinase 3 drives cancer stemness in oral squamous cell carcinoma cells by supporting the expression levels of SOX2 and EGFR. International journal of molecular medicine, 55(3).

Chiu PH, et al. (2025) Therapeutic stress triggers tumor STAT1 acetylation to disarm immunotherapy. Cell reports. Medicine, 6(11), 102448.

Girisa S, et al. (2025) Mortalin Represents a Promising Therapeutic Target for Oral Cancers: Clinical Relevance and Experimental Evidence for the Activation of Akt/mTOR Signaling. Cancers, 17(17).

Wang SH, et al. (2025) Tumor cell-derived ISG15 promotes fibroblast recruitment in oral squamous cell carcinoma via CD11a-dependent glycolytic reprogramming. Oncogenesis, 14(1), 6.

Garzarelli V, et al. (2025) Lab on chips for liquid biopsy: a flexible and customized approach through microfabrication. Biomedical microdevices, 27(2), 26.

Lin MC, et al. (2024) Targeting tumor O-glycosylation modulates cancer-immune-cell crosstalk and enhances anti-PD-1 immunotherapy in head and neck cancer. Molecular oncology, 18(2), 350.

Liao TT, et al. (2024) Hypoxia-Induced Long Noncoding RNA HIF1A-AS2 Regulates Stability of MHC Class I Protein in Head and Neck Cancer. Cancer immunology research, 12(10), 1468.

Chang HC, et al. (2024) Interplay of p62-mTORC1 and EGFR signaling promotes cisplatin resistance in oral cancer. Heliyon, 10(6), e28406.

Chen HH, et al. (2024) DDX3 regulates cancer immune surveillance via 3' UTR-mediated cell-surface expression of PD-L1. Cell reports, 43(3), 113937.

Covarrubias AA, et al. (2024) Arsenic Nanoparticles Trigger Apoptosis via Anoikis Induction in OECM-1 Cells. *International journal of molecular sciences*, 25(12).

Bizzoca ME, et al. (2024) Methods for Overcoming Chemoresistance in Head and Neck Squamous Cell Carcinoma: Keeping the Focus on Cancer Stem Cells, a Systematic Review. *Cancers*, 16(17).

Chen HH, et al. (2021) DDX3 modulates the tumor microenvironment via its role in endoplasmic reticulum-associated translation. *iScience*, 24(9), 103086.