

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

HO-1-N-1

RRID:CVCL_1284

Type: Cell Line

Proper Citation

RRID:CVCL_1284

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1284

Proper Citation: RRID:CVCL_1284

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

Sex: Male

Disease: Buccal mucosa squamous cell carcinoma

Defining Citation: [PMID:9290701](#), [PMID:12738951](#), [PMID:17599052](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:35839778](#)

Comments: Population: Japanese., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HO-1-N-1

Synonyms: Ho-1-N-1, Ho-1-n-1, HO1-N-1, HO1-N1, HO1N1, Nakata-1

Cross References: BTO:BTO_0005771, CLO:CLO_0009945, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, BioSample:SAMN03472524, cancercellines:CVCL_1284, Cell_Model_Passport:SIDM00592, CGH-DB:372-2, ChEMBL-Cells:ChEMBL3308743, ChEMBL-Targets:ChEMBL1075466, Cosmic:924111, Cosmic:1118793, Cosmic:1120708, Cosmic:1530741, Cosmic:1571801, Cosmic:2266787, Cosmic-CLP:924111, DepMap:ACH-002244, EGA:EGAS00001000978, GDSC:924111, GEO:GSM827187, GEO:GSM1669888, IARC_TP53:27171, JCRB:JCRB0831, LINCS_LDP:LCL-1204, PharmacDB:HO1N1_559_2019, PRIDE:PXD030304, Progenetix:CVCL_1284, PubChem_Cell_line:CVCL_1284, Wikidata:Q54890082

ID: CVCL_1284

Record Creation Time: 20220427T220438+0000

Record Last Update: 20260913T004221+0000

Ratings and Alerts

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

No alerts have been found for HO-1-N-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Shintani T, et al. (2021) Heparin-Binding Protein 17/Fibroblast Growth Factor-Binding Protein-1 Knockout Inhibits Proliferation and Induces Differentiation of Squamous Cell Carcinoma Cells. *Cancers*, 13(11).

Higaki M, et al. (2020) Eldecalcitol (ED-71)-induced exosomal miR-6887-5p suppresses squamous cell carcinoma cell growth by targeting heparin-binding protein 17/fibroblast growth factor-binding protein-1 (HBp17/FGFBP-1). *In vitro cellular & developmental biology. Animal*, 56(3), 222.