

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

RCM-1 [Human rectal adenocarcinoma]

RRID:CVCL_1648

Type: Cell Line

Proper Citation

RRID:CVCL_1648

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1648

Proper Citation: RRID:CVCL_1648

Description: Cell line RCM-1 [Human rectal adenocarcinoma] is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Rectal adenocarcinoma

Defining Citation: [PMID:2570482](#), [PMID:3198327](#), [PMID:8348978](#), [PMID:9247707](#), [PMID:9290701](#), [PMID:16418264](#), [PMID:18258742](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20606684](#), [PMID:22460905](#), [PMID:23272949](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25926053](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28854368](#), [PMID:29101300](#), [PMID:29444439](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Population: Japanese., Part of: NCI RAS program mutant KRAS cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: AstraZeneca Colorectal cell line (AZCL) panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: RCM-1 [Human rectal adenocarcinoma]

Synonyms: RCM1

Cross References: CLO:CLO_0009972, EFO:EFO_0006476, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:996, BioSample:SAMN03472886, BioSample:SAMN10988165, cancercellines:CVCL_1648,

Cell_Model_Passport:SIDM00359, ChEMBL-Cells:CHEMBL3308125, ChEMBL-Targets:CHEMBL1075562, ColonAtlas:RCM1, Cosmic:873704, Cosmic:909263, Cosmic:1122329, Cosmic:1184088, Cosmic:1187314, Cosmic:1995616, Cosmic-CLP:909263, DepMap:ACH-000565, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:909263, GEO:GSM827229, GEO:GSM887526, GEO:GSM888608, GEO:GSM1374846, GEO:GSM1448098, GEO:GSM1670367, IARC_TP53:21282, JCRB:JCRB0256, LiGeA:CCLE_779, LINCS_LDP:LCL-1290, PharmacDB:RCM1_1295_2019, PRIDE:PXD005235, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD030304, Progenetix:CVCL_1648, PubChem_Cell_line:CVCL_1648, Wikidata:Q54949516

ID: CVCL_1648

Record Creation Time: 20220427T221454+0000

Record Last Update: 20260905T182203+0000

Ratings and Alerts

No rating or validation information has been found for RCM-1 [Human rectal adenocarcinoma].

No alerts have been found for RCM-1 [Human rectal adenocarcinoma].

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Asif PJ, et al. (2025) Mesenchymal Colorectal Cancers Secrete Vesicles With Unique Cargo That Can Be Used for Liquid Biopsy Based Diagnostics. Journal of extracellular vesicles, 14(11), e70171.

Baglamis S, et al. (2025) Clonal dispersal is associated with tumor heterogeneity and poor prognosis in colorectal cancer. iScience, 28(5), 112403.

Bootsma S, et al. (2024) Exploiting a subtype-specific mitochondrial vulnerability for successful treatment of colorectal peritoneal metastases. Cell reports. Medicine, 5(5), 101523.

Tang C, et al. (2021) Hypomorph mutation-directed small-molecule protein-protein interaction inducers to restore mutant SMAD4-suppressed TGF- β signaling. Cell chemical biology, 28(5), 636.

Kamimura M, et al. (2020) Chemical and molecular bases of dome formation in human colorectal cancer cells mediated by sulphur compounds from Cucumis melo var.

conomon. FEBS open bio, 10(12), 2640.