

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

HCT 116 CMV-OsTIR1

RRID:CVCL_RJ11

Type: Cell Line

Proper Citation

RRID:CVCL_RJ11

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_RJ11

Proper Citation: RRID:CVCL_RJ11

Description: Cell line HCT 116 CMV-OsTIR1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon carcinoma

Defining Citation: [PMID:27052166](#)

Comments: Characteristics: Using CRISPR/Cas9 a CMV-OsTIR1-PuroR (pMK232) vector was introduced in both alleles of the AAVS1 safe harbor locus., Characteristics: Parent cell line to study the rapid depletion of a protein. The expressed rice TIR1 can form a functional SCF(OsTIR1) E3 ligase complex with the endogenous components in human cells. In the presence of auxin, a protein of interest fused with mAID is rapidly degraded upon poly-ubiquitylation., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HCT 116 CMV-OsTIR1

Synonyms: HCT116 CMV-OsTIR1

Cross References: cancercellines:CVCL_RJ11, RCB:RCB4662, Wikidata:Q54881927

ID: CVCL_RJ11

Hierarchy: cvcl_0291

Record Creation Time: 20220427T220321+0000

Record Last Update: 20260815T233711+0000

Ratings and Alerts

No rating or validation information has been found for HCT 116 CMV-OsTIR1.

No alerts have been found for HCT 116 CMV-OsTIR1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Duan H, et al. (2023) eIF3 mRNA selectivity profiling reveals eIF3k as a cancer-relevant regulator of ribosome content. The EMBO journal, 42(12), e112362.