

Resource Summary Report

Generated by [dkNET](#) on Aug 9, 2026

HCT 116 CDKN1A(-/-)

RRID:CVCL_HD73

Type: Cell Line

Proper Citation

RRID:CVCL_HD73

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_HD73

Proper Citation: RRID:CVCL_HD73

Description: Cell line HCT 116 CDKN1A(-/-) is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon carcinoma

Defining Citation: [PMID:7585571](#), [PMID:8756351](#)

Comments: Caution: There are two clones of p21-/- cells that were created, 80S4 and 80S14. It is not clear which clone this cell line corresponds to, but as 80S14 was much more used than 80S4 we believe it is that clone., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HCT 116 CDKN1A(-/-)

Synonyms: CDKN1A (-/-) HCT116, HCT116 p21-/-, 80S14

Cross References: BTO:BTO_0006532, cancercellines:CVCL_HD73, Horizon_Discovery:HD+R02-035, Wikidata:Q54881926

ID: CVCL_HD73

Hierarchy: cvcl_0291

Record Creation Time: 20220427T220321+0000

Record Last Update: 20260809T000736+0000

Ratings and Alerts

No rating or validation information has been found for HCT 116 CDKN1A(-/-).

No alerts have been found for HCT 116 CDKN1A(-/-).

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](#) .

Maiuthed A, et al. (2026) Cytoplasmic p21 promotes stemness of colon cancer cells via activation of the NF- κ B pathway. Molecular oncology, 20(4), 1022.