

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pDONR223_CDC45_WT_V5

RRID:Addgene_82990

Type: Plasmid

Proper Citation

RRID:Addgene_82990

Plasmid Information

URL: <http://www.addgene.org/82990>

Proper Citation: RRID:Addgene_82990

Insert Name: CDC45

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:27478040](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: Open state: NO stop codon immediately follows insert

Plasmid Name: pDONR223_CDC45_WT_V5

Record Creation Time: 20220422T222538+0000

Record Last Update: 20260829T081138+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_CDC45_WT_V5.

No alerts have been found for pDONR223_CDC45_WT_V5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zonderland G, et al. (2022) The TRESLIN-MTBP complex couples completion of DNA replication with S/G2 transition. *Molecular cell*, 82(18), 3350.

Zhang R, et al. (2021) CDC45 modulates MCM7 expression and inhibits cell proliferation by suppressing the PI3K/AKT pathway in acute myeloid leukemia. *American journal of translational research*, 13(9), 10218.