Resource Summary Report

Generated by NIF on Jul 31, 2026

pTOPO-MCL1S159A

RRID:Addgene_21606
Type: Plasmid

Proper Citation

RRID:Addgene_21606

Plasmid Information

URL: http://www.addgene.org/21606

Proper Citation: RRID:Addgene_21606

Insert Name: MCL-1 S159A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:16543145

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5523; Vector Backbone:pcDNA3.1 /V5-His-TOPO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pTOPO-MCL1S159A

Relevant Mutation: Serine 159 mutated to Alanine, abolishing phosphorylation by GSK-3. Insert ends with a STOP codon, no V5-His-tag.

Record Creation Time: 20220422T222056+0000

Record Last Update: 20260725T074426+0000

Ratings and Alerts

No rating or validation information has been found for pTOPO-MCL1S159A.

No alerts have been found for pTOPO-MCL1S159A.

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 NIF .

Sena E, et al. (2020) Mcl1 protein levels and Caspase-7 executioner protease control axial organizer cells survival. Developmental dynamics : an official publication of the American Association of Anatomists, 249(7), 847.

Bailey ML, et al. (2015) Dependence of Human Colorectal Cells Lacking the FBW7 Tumor Suppressor on the Spindle Assembly Checkpoint. Genetics, 201(3), 885.