

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

ZE36 Nlk1(C387Y)-pCS2+

RRID:Addgene_17077

Type: Plasmid

Proper Citation

RRID:Addgene_17077

Plasmid Information

URL: <http://www.addgene.org/17077>

Proper Citation: RRID:Addgene_17077

Insert Name: Nlk1

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15151990](#)

Vector Backbone Description: Backbone Size:4100; Vector Backbone:pCS2+; Vector Types:Zebrafish Expression; Bacterial Resistance:Ampicillin

Comments: Description: Zebrafish Nemo-like kinase 1(NLK-1), cloned into the vector CS2+. ~1425bp EcoR1-Xba1 insert. Clone is an inactive mutant of NLK1, analogous to C425Y mutant of mouse NLK which does not bind TCFs. Species of Sequence Origin: zebrafish. Notes for Use: For functional synthetic RNA, linearize with Asp 718 and transcribe with SP6. Select clones with amp. Reference: C. J. Thorpe and R. T. Moon, Development 131:2899-2909 (2004).

Plasmid Name: ZE36 Nlk1(C387Y)-pCS2+

Relevant Mutation: C387Y. Inactive mutant of NLK1.

Record Creation Time: 20220422T221954+0000

Record Last Update: 20260815T081010+0000

Ratings and Alerts

No rating or validation information has been found for ZE36 Nlk1(C387Y)-pCS2+.

No alerts have been found for ZE36 Nlk1(C387Y)-pCS2+.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Berlind JE, et al. (2025) KCTD20 suppression mitigates excitotoxicity in tauopathy patient organoids. Neuron, 113(8), 1169.