

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pCWXPGR-pTF-ERK:MEK

RRID:Addgene_114291

Type: Plasmid

Proper Citation

RRID:Addgene_114291

Plasmid Information

URL: <http://www.addgene.org/114291>

Proper Citation: RRID:Addgene_114291

Insert Name: rERK2 and hMEK1 proteins

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pCWXPGR65; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: rat ERK2 fused to human MEK1 with a linker in between. L4A mutations are in the human MEK1 NES. Subcloned from Addgene plasmid #39197. pTF is an optimized TET-promoter, described in HGT 2011, Giry et al.

Plasmid Name: pCWXPGR-pTF-ERK:MEK

Relevant Mutation: rat ERK2 fused to human MEK1 with a linker in between. L4A mutations are in the human MEK1 NES

Record Creation Time: 20220422T221559+0000

Record Last Update: 20260808T080509+0000

Ratings and Alerts

No rating or validation information has been found for pCWXPGR-pTF-ERK:MEK.

No alerts have been found for pCWXPGR-pTF-ERK:MEK.

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 [SPARC SAWG](#) .

Baba T, et al. (2025) Enlarged PML-nuclear bodies trigger conflicting cell cycle signal-mediated cytotoxicity in leukemia cells. Cell death & disease, 16(1), 586.