

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

PCRT7 tetR pLtetO MBP-MEK1 XX Amp

RRID:Addgene_53225

Type: Plasmid

Proper Citation

RRID:Addgene_53225

Plasmid Information

URL: <http://www.addgene.org/53225>

Proper Citation: RRID:Addgene_53225

Insert Name: MEK1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Rinehart lab, Addgene plasmid 52053; Vector Backbone:pCRT7; Vector Types:Bacterial Expression, phosphoprotein synthesis; Bacterial Resistance:Ampicillin

Plasmid Name: PCRT7 tetR pLtetO MBP-MEK1 XX Amp

Relevant Mutation: Codon optimized for E.coli, both codons for Ser218 and Ser222 were changed to amber codons

Record Creation Time: 20220422T222312+0000

Record Last Update: 20260815T081629+0000

Ratings and Alerts

No rating or validation information has been found for PCRT7 tetR pLtetO MBP-MEK1 XX Amp.

No alerts have been found for PCRT7 tetR pLtetO MBP-MEK1 XX Amp.

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](#) .

Gassaway BM, et al. (2019) Distinct Hepatic PKA and CDK Signaling Pathways Control Activity-Independent Pyruvate Kinase Phosphorylation and Hepatic Glucose Production. Cell reports, 29(11), 3394.