

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

CC2

RRID:Addgene_21207

Type: Plasmid

Proper Citation

RRID:Addgene_21207

Plasmid Information

URL: <http://www.addgene.org/21207>

Proper Citation: RRID:Addgene_21207

Insert Name: Mek1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15342384](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2200; Vector Backbone:pENTR1A; Vector Types:Subclone vector; Bacterial Resistance:Kanamycin

Comments: Constitutive active protein has the following aa sequence deleted - ALQKKLEELDEQQRKRLE, residues 31 to 51.

Plasmid Name: CC2

Relevant Mutation: Mek1 R4F fused to ER*, constitutive active

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260725T074423+0000

Ratings and Alerts

No rating or validation information has been found for CC2.

No alerts have been found for CC2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sequerra EB, et al. (2018) NMDA Receptor Signaling Is Important for Neural Tube Formation and for Preventing Antiepileptic Drug-Induced Neural Tube Defects. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(20), 4762.

Hung SY, et al. (2014) Up-regulated cten by FGF2 contributes to FGF2-mediated cell migration. Molecular carcinogenesis, 53(10), 787.

Swapna I, et al. (2012) Interplay between electrical activity and bone morphogenetic protein signaling regulates spinal neuron differentiation. Proceedings of the National Academy of Sciences of the United States of America, 109(40), 16336.