

# Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

## pCDNA GAL4 CREB 1-341 M1

RRID:Addgene\_22973

Type: Plasmid

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### Proper Citation

RRID:Addgene\_22973

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### Plasmid Information

**URL:** <http://www.addgene.org/22973>

**Proper Citation:** RRID:Addgene\_22973

**Insert Name:** CREB

**Organism:** Rattus norvegicus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:12718894](#)

**Vector Backbone Description:** Backbone Size:5000; Vector Backbone:pcDNA; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** GAL4 DNA-binding domain fused N-terminally to full-length CREB cDNA (aa 4-341)

**Plasmid Name:** pCDNA GAL4 CREB 1-341 M1

**Relevant Mutation:** Changed Serine 133 to Alanine of CREB

**Record Creation Time:** 20220422T222102+0000

**Record Last Update:** 20260801T081019+0000

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### Ratings and Alerts

No rating or validation information has been found for pCDNA GAL4 CREB 1-341 M1.

No alerts have been found for pCDNA GAL4 CREB 1-341 M1.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Xu ??? X, et al. (2022) CREB inactivation by HDAC1/PP1? contributes to dopaminergic neurodegeneration in Parkinson's disease. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(22), 4594.