

Resource Summary Report

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

pEGFP-C1-PRKAA1

RRID:Addgene_30305

Type: Plasmid

Proper Citation

RRID:Addgene_30305

Plasmid Information

URL: <http://www.addgene.org/30305>

Proper Citation: RRID:Addgene_30305

Insert Name: AMP-activated Protein Kinase ??1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20685962](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-C1-PRKAA1

Record Creation Time: 20220422T222133+0000

Record Last Update: 20260815T081327+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-C1-PRKAA1.

No alerts have been found for pEGFP-C1-PRKAA1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

DeWitt WS, et al. (2026) Replaying germinal center evolution on a quantified affinity landscape. Cell.

DeWitt WS, et al. (2025) Replaying germinal center evolution on a quantified affinity landscape. bioRxiv : the preprint server for biology.

Hedman AC, et al. (2021) IQGAP1 binds AMPK and is required for maximum AMPK activation. The Journal of biological chemistry, 296, 100075.

Matzinger M, et al. (2020) AMPK leads to phosphorylation of the transcription factor Nrf2, tuning transactivation of selected target genes. Redox biology, 29, 101393.