

Resource Summary Report

Generated by [kravitz2](#) on Aug 10, 2026

pCMVMagFRET-1

RRID:Addgene_50742

Type: Plasmid

Proper Citation

RRID:Addgene_50742

Plasmid Information

URL: <http://www.addgene.org/50742>

Proper Citation: RRID:Addgene_50742

Insert Name: gene encoding for MagFRET-1

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24312622](https://pubmed.ncbi.nlm.nih.gov/24312622/)

Vector Backbone Description: Vector Backbone:pCMV; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pCMVMagFRET-1

Record Creation Time: 20220422T222300+0000

Record Last Update: 20260808T081757+0000

Ratings and Alerts

No rating or validation information has been found for pCMVMagFRET-1.

No alerts have been found for pCMVMagFRET-1.

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 [kravitz2](#) .

Hossain MN, et al. (2020) Bioluminescent Ratiometric Indicator for Analysis of Water Hardness in Household Water. Sensors (Basel, Switzerland), 20(11).

Wu Y, et al. (2020) Magnesium efflux from Drosophila Kenyon cells is critical for normal and diet-enhanced long-term memory. eLife, 9.

Maeshima K, et al. (2018) A Transient Rise in Free Mg^{2+} Ions Released from ATP-Mg Hydrolysis Contributes to Mitotic Chromosome Condensation. Current biology : CB, 28(3), 444.