

Resource Summary Report

Generated by [RRID](#) on Aug 25, 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](#)

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: 20260815T081611+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 [RRID](#) .

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.