

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

PM-FRB-mRFP-T2A-FKBP-5-ptase

RRID:Addgene_40896

Type: Plasmid

Proper Citation

RRID:Addgene_40896

Plasmid Information

URL: <http://www.addgene.org/40896>

Proper Citation: RRID:Addgene_40896

Insert Name: PM-FRB-mRFP-T2A-FKBP-5-ptase

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22357943](#)

Vector Backbone Description: Vector Backbone:pmRFP-C1; Vector Types;; Bacterial Resistance:Kanamycin

Plasmid Name: PM-FRB-mRFP-T2A-FKBP-5-ptase

Record Creation Time: 20220422T222212+0000

Record Last Update: 20260815T081440+0000

Ratings and Alerts

No rating or validation information has been found for PM-FRB-mRFP-T2A-FKBP-5-ptase.

No alerts have been found for PM-FRB-mRFP-T2A-FKBP-5-ptase.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zheng Y, et al. (2026) A Chemically Inducible Multimerization System for Tunable and Background-Free RTK Activation. *Analytical chemistry*, 98(2), 1328.

Ivanova A, et al. (2024) Dual regulation of IP3 receptors by IP3 and PIP2 controls the transition from local to global Ca²⁺ signals. *Molecular cell*, 84(20), 3997.

Eguchi K, et al. (2023) Nanoscale Phosphoinositide Distribution on Cell Membranes of Mouse Cerebellar Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(23), 4197.

Sun C, et al. (2020) THEMIS-SHP1 Recruitment by 4-1BB Tunes LCK-Mediated Priming of Chimeric Antigen Receptor-Redirected T Cells. *Cancer cell*, 37(2), 216.

Fourriere L, et al. (2019) RAB6 and microtubules restrict protein secretion to focal adhesions. *The Journal of cell biology*, 218(7), 2215.

de Rubio RG, et al. (2018) Phosphatidylinositol 4-phosphate is a major source of GPCR-stimulated phosphoinositide production. *Science signaling*, 11(547).