

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

PJ-Sac

RRID:Addgene_38000

Type: Plasmid

Proper Citation

RRID:Addgene_38000

Plasmid Information

URL: <http://www.addgene.org/38000>

Proper Citation: RRID:Addgene_38000

Insert Name: FKBP1A

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22722250](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pmRFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Compared to GenBank reference sequence NM_019892, the INPP5E insert in this plasmid contains a C641A mutation. Please see the full plasmid sequence for the most accurate information.

Plasmid Name: PJ-Sac

Record Creation Time: 20220422T222200+0000

Record Last Update: 20260815T081418+0000

Ratings and Alerts

No rating or validation information has been found for PJ-Sac.

No alerts have been found for PJ-Sac.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Dai A, et al. (2025) Multiple interactions mediate the localization of BLTP2 at ER-PM contacts to control plasma membrane dynamics. bioRxiv : the preprint server for biology.

Guo X, et al. (2025) A phosphoinositide switch from PI(4,5)P₂ to PI4P triggers endocytosis by inducing dynamin-mediated fission in secretory cells. Science advances, 11(42), eady8065.

Cohen HA, et al. (2023) The SOAR of STIM1 interacts with plasma membrane lipids to form ER-PM contact sites. Cell reports, 42(3), 112238.

Smulders L, et al. (2022) Phosphatidylinositol Monophosphates Regulate the Membrane Localization of HSPA1A, a Stress-Inducible 70-kDa Heat Shock Protein. Biomolecules, 12(6).

Braun C, et al. (2021) Membrane pools of phosphatidylinositol-4-phosphate regulate KCNQ1/KCNE1 membrane expression. Communications biology, 4(1), 1392.

Ren C, et al. (2019) Leukocyte Cytoskeleton Polarization Is Initiated by Plasma Membrane Curvature from Cell Attachment. Developmental cell, 49(2), 206.

Royal AA, et al. (2017) Phosphatidylinositol-4,5-bisphosphate is required for KCNQ1/KCNE1 channel function but not anterograde trafficking. PloS one, 12(10), e0186293.

Hirama T, et al. (2017) Phosphatidylserine dictates the assembly and dynamics of caveolae in the plasma membrane. The Journal of biological chemistry, 292(34), 14292.

Ghai R, et al. (2017) ORP5 and ORP8 bind phosphatidylinositol-4, 5-bisphosphate (PtdIns(4,5)P₂) and regulate its level at the plasma membrane. Nature communications, 8(1), 757.