

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

## mCherry-FKBP-MTM1

RRID:Addgene\_51614

Type: Plasmid

### Proper Citation

RRID:Addgene\_51614

### Plasmid Information

**URL:** <http://www.addgene.org/51614>

**Proper Citation:** RRID:Addgene\_51614

**Insert Name:** FKBP

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:24711504](#)

**Vector Backbone Description:** Backbone Marker:Clontech; Vector Backbone:pmCherry-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** mCherry-FKBP-MTM1

**Record Creation Time:** 20220422T222303+0000

**Record Last Update:** 20260829T080641+0000

### Ratings and Alerts

No rating or validation information has been found for mCherry-FKBP-MTM1.

No alerts have been found for mCherry-FKBP-MTM1.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Omari-Manaa S, et al. (2026) Distinct phosphoinositide signatures orchestrate Fc $\gamma$ RI versus MRGPRX2 mast cell secretion. *iScience*, 29(4), 115457.

Liu DA, et al. (2023) A phosphoinositide switch mediates exocyst recruitment to multivesicular endosomes for exosome secretion. *Nature communications*, 14(1), 6883.

Gimenez MC, et al. (2021) Phosphatidylinositol 3-Phosphate Mediates the Establishment of Infectious Bursal Disease Virus Replication Complexes in Association with Early Endosomes. *Journal of virology*, 95(6).

Gong B, et al. (2021) A Golgi-derived vesicle potentiates PtdIns4P to PtdIns3P conversion for endosome fission. *Nature cell biology*, 23(7), 782.

Kim S, et al. (2021) Endosomal mTORC2 Is Required for Phosphoinositide-Dependent AKT Activation in Platelet-Derived Growth Factor-Stimulated Glioma Cells. *Cancers*, 13(10).

Fang C, et al. (2019) ZFYVE21 is a complement-induced Rab5 effector that activates non-canonical NF- $\kappa$ B via phosphoinositide remodeling of endosomes. *Nature communications*, 10(1), 2247.

Song ZM, et al. (2017) Phosphoinositol 3-phosphate acts as a timer for reactive oxygen species production in the phagosome. *Journal of leukocyte biology*, 101(5), 1155.