

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pLJM1 Flag Raptor

RRID:Addgene_26633

Type: Plasmid

Proper Citation

RRID:Addgene_26633

Plasmid Information

URL: <http://www.addgene.org/26633>

Proper Citation: RRID:Addgene_26633

Insert Name: raptor

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20381137](#)

Vector Backbone Description: Backbone Marker:Available at Addgene (#19319); Backbone Size:7400; Vector Backbone:pLJM1; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLJM1 Flag Raptor

Record Creation Time: 20220422T222119+0000

Record Last Update: 20260815T081254+0000

Ratings and Alerts

No rating or validation information has been found for pLJM1 Flag Raptor.

No alerts have been found for pLJM1 Flag Raptor.

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](#) .

Du X, et al. (2022) Nuciferine protects against high-fat diet-induced hepatic steatosis and insulin resistance via activating TFEB-mediated autophagy-lysosomal pathway. *Acta pharmaceutica Sinica. B*, 12(6), 2869.

Lu V, et al. (2022) Glutamine-dependent signaling controls pluripotent stem cell fate. *Developmental cell*, 57(5), 610.

Yao Y, et al. (2020) Amino Acids Enhance Polyubiquitination of Rheb and Its Binding to mTORC1 by Blocking Lysosomal ATXN3 Deubiquitinase Activity. *Molecular cell*, 80(3), 437.

Ericksen RE, et al. (2019) Loss of BCAA Catabolism during Carcinogenesis Enhances mTORC1 Activity and Promotes Tumor Development and Progression. *Cell metabolism*, 29(5), 1151.

Thomas HE, et al. (2018) Mitochondrial Complex I Activity Is Required for Maximal Autophagy. *Cell reports*, 24(9), 2404.

Meade N, et al. (2018) Poxviruses Evade Cytosolic Sensing through Disruption of an mTORC1-mTORC2 Regulatory Circuit. *Cell*, 174(5), 1143.

Su KH, et al. (2016) HSF1 critically attunes proteotoxic stress sensing by mTORC1 to combat stress and promote growth. *Nature cell biology*, 18(5), 527.

Plescher M, et al. (2015) TSC2 mediates hyperosmotic stress-induced inactivation of mTORC1. *Scientific reports*, 5, 13828.

Coffman K, et al. (2014) Characterization of the Raptor/4E-BP1 interaction by chemical cross-linking coupled with mass spectrometry analysis. *The Journal of biological chemistry*, 289(8), 4723.