

Resource Summary Report

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

pLHCX-FLAG-mPKM2

RRID:Addgene_44239

Type: Plasmid

Proper Citation

RRID:Addgene_44239

Plasmid Information

URL: <http://www.addgene.org/44239>

Proper Citation: RRID:Addgene_44239

Insert Name: Pyruvate Kinase M2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18337823](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:6800; Vector Backbone:pLHCX; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLHCX-FLAG-mPKM2

Record Creation Time: 20220422T222229+0000

Record Last Update: 20260815T081513+0000

Ratings and Alerts

No rating or validation information has been found for pLHCX-FLAG-mPKM2.

No alerts have been found for pLHCX-FLAG-mPKM2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zhao W, et al. (2025) HIF2 α inhibits glutaminase clustering in mitochondria to sustain growth of clear cell Renal Cell Carcinoma. bioRxiv : the preprint server for biology.

Holling GA, et al. (2024) CD8⁺ T cell metabolic flexibility elicited by CD28-ARS2 axis-driven alternative splicing of PKM supports antitumor immunity. Cellular & molecular immunology, 21(3), 260.

Fu J, et al. (2022) Regeneration of glomerular metabolism and function by podocyte pyruvate kinase M2 in diabetic nephropathy. JCI insight, 7(5).

Veras FP, et al. (2022) Pyruvate kinase M2 mediates IL-17 signaling in keratinocytes driving psoriatic skin inflammation. Cell reports, 41(13), 111897.

Morita M, et al. (2018) PKM1 Confers Metabolic Advantages and Promotes Cell-Autonomous Tumor Cell Growth. Cancer cell, 33(3), 355.