

# Resource Summary Report

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

## [pET-28a-hPKM2](#)

RRID:Addgene\_44242  
Type: Plasmid

### Proper Citation

RRID:Addgene\_44242

### Plasmid Information

**URL:** <http://www.addgene.org/44242>

**Proper Citation:** RRID:Addgene\_44242

**Insert Name:** Pyruvate Kinase M2

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:18337815](#)

**Vector Backbone Description:** Backbone Marker:Novagen; Backbone Size:5400; Vector Backbone:pET-28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** pET-28a-hPKM2

**Record Creation Time:** 20220422T222229+0000

**Record Last Update:** 20260815T081513+0000

### Ratings and Alerts

No rating or validation information has been found for pET-28a-hPKM2.

No alerts have been found for pET-28a-hPKM2.

### 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](#) .

Anastasakis DG, et al. (2024) Nuclear PKM2 binds pre-mRNA at folded G-quadruplexes and reveals their gene regulatory role. *Molecular cell*, 84(19), 3775.

Kumar S, et al. (2020) Purification and Characterization of Prolyl Hydroxylase 3/Pyruvate Kinase Isoform 2 Protein Complex. *Molecular biotechnology*, 62(2), 111.

Verma K, et al. (2019) Pyruvate Kinase M2 serves as blockade for nucleosome repositioning and abrogates Chd7 remodeling activity. *PloS one*, 14(2), e0211515.

Shankar Babu M, et al. (2018) Lapachol inhibits glycolysis in cancer cells by targeting pyruvate kinase M2. *PloS one*, 13(2), e0191419.

Abeywardana T, et al. (2018) CARM1 suppresses de novo serine synthesis by promoting PKM2 activity. *The Journal of biological chemistry*, 293(39), 15290.