

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 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 [dkNET](#) .

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.