

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pDONR223-PTK2

RRID:Addgene_23902

Type: Plasmid

Proper Citation

RRID:Addgene_23902

Plasmid Information

URL: <http://www.addgene.org/23902>

Proper Citation: RRID:Addgene_23902

Insert Name: PTK2

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:21107320](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5005; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: The ORF has no Stop codon. This design enables easy recombination into a destination vector to add an epitope tag of choice and Stop codon to the ORF. Do NOT use this plasmid directly for transfections. A set of 4 custom lentiviral vectors is available (pLX301 (<http://www.addgene.org/25895/>) , pLX302 (<http://www.addgene.org/25896/>) , pLX303 (<http://www.addgene.org/25897/>) , pLX304 (<http://www.addgene.org/25890/>)) to be used to express these ORFs in mammalian cells. These plasmids are not included in the kit and must be ordered separately.

Plasmid Name: pDONR223-PTK2

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260815T081226+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223-PTK2.

No alerts have been found for pDONR223-PTK2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yaron-Barir TM, et al. (2024) The intrinsic substrate specificity of the human tyrosine kinome. *Nature*, 629(8014), 1174.

Zhou Z, et al. (2018) Oncogenic Kinase-Induced PKM2 Tyrosine 105 Phosphorylation Converts Nononcogenic PKM2 to a Tumor Promoter and Induces Cancer Stem-like Cells. *Cancer research*, 78(9), 2248.

Kanojia D, et al. (2017) Kinase profiling of liposarcomas using RNAi and drug screening assays identified druggable targets. *Journal of hematology & oncology*, 10(1), 173.