# Resource Summary Report

Generated by RRID on Aug 20, 2026

## pDONR223-CKMT2

RRID:Addgene_23746
Type: Plasmid

### Proper Citation

RRID:Addgene_23746

### Plasmid Information

**URL:** http://www.addgene.org/23746

**Proper Citation:** RRID:Addgene_23746

**Insert Name:** CKMT2

**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-CKMT2

**Relevant Mutation:** S6P

**Record Creation Time:** 20220422T222105+0000

**Record Last Update:** 20260815T081223+0000

### Ratings and Alerts

No rating or validation information has been found for pDONR223-CKMT2.

No alerts have been found for pDONR223-CKMT2.

## Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .

Harris NJ, et al. (2023) Allosteric activation or inhibition of PI3K? mediated through conformational changes in the p110? helical domain. eLife, 12.

Harris NJ, et al. (2023) Allosteric activation or inhibition of PI3K? mediated through conformational changes in the p110? helical domain. bioRxiv : the preprint server for biology.