Resource Summary Report

Generated by RRID on Aug 20, 2026

pDONR223-EEF2K

RRID:Addgene_23726
Type: Plasmid

Proper Citation

RRID:Addgene_23726

Plasmid Information

URL: http://www.addgene.org/23726

Proper Citation: RRID:Addgene_23726

Insert Name: EEF2K

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-EEF2K

Record Creation Time: 20220422T222105+0000

Record Last Update: 20260815T081224+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223-EEF2K.

No alerts have been found for pDONR223-EEF2K.

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 .

Barilari M, et al. (2017) ZRF1 is a novel S6 kinase substrate that drives the senescence programme. The EMBO journal, 36(6), 736.

De Gassart A, et al. (2016) Pharmacological eEF2K activation promotes cell death and inhibits cancer progression. EMBO reports, 17(10), 1471.

Xie CM, et al. (2014) Silencing of EEF2K (eukaryotic elongation factor-2 kinase) reveals AMPK-ULK1-dependent autophagy in colon cancer cells. Autophagy, 10(9), 1495.