

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pAMPK alpha2 delta312X

RRID:Addgene_60127

Type: Plasmid

Proper Citation

RRID:Addgene_60127

Plasmid Information

URL: <http://www.addgene.org/60127>

Proper Citation: RRID:Addgene_60127

Insert Name: AMPK alpha 2

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Comments:

Plasmid Name: pAMPK alpha2 delta312X

Relevant Mutation: Truncated at residue 312

Record Creation Time: 20220422T222346+0000

Record Last Update: 20260815T081729+0000

Ratings and Alerts

No rating or validation information has been found for pAMPK alpha2 delta312X.

No alerts have been found for pAMPK alpha2 delta312X.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Barrett CE, et al. (2023) Early life exposure to high fructose diet induces metabolic dysregulation associated with sex-specific cognitive impairment in adolescent rats. The Journal of nutritional biochemistry, 114, 109220.

Boon R, et al. (2020) Amino acid levels determine metabolism and CYP450 function of hepatocytes and hepatoma cell lines. Nature communications, 11(1), 1393.

Kim J, et al. (2020) The hexosamine biosynthesis pathway is a targetable liability in KRAS/LKB1 mutant lung cancer. Nature metabolism, 2(12), 1401.

Kim J, et al. (2017) CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells. Nature, 546(7656), 168.