

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA6 asyn E46K

RRID:Addgene_105730

Type: Plasmid

Proper Citation

RRID:Addgene_105730

Plasmid Information

URL: <http://www.addgene.org/105730>

Proper Citation: RRID:Addgene_105730

Insert Name: alpha-synuclein E46K

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25657004](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA6;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA6 asyn E46K

Relevant Mutation: E46K

Record Creation Time: 20220422T221513+0000

Record Last Update: 20260725T073419+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA6 asyn E46K.

No alerts have been found for pcDNA6 asyn E46K.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Simon C, et al. (2022) Kisspeptin-10 Rescues Cholinergic Differentiated SHSY-5Y Cells from α -Synuclein-Induced Toxicity In Vitro. International journal of molecular sciences, 23(9).