

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pAAV asyn WT

RRID:Addgene_36055

Type: Plasmid

Proper Citation

RRID:Addgene_36055

Plasmid Information

URL: <http://www.addgene.org/36055>

Proper Citation: RRID:Addgene_36055

Insert Name: alpha-synuclein WT

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22302797](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4581; Vector Backbone:pAAV-MCS; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Lashuel Lab Plasmid #172

Plasmid Name: pAAV asyn WT

Record Creation Time: 20220422T222153+0000

Record Last Update: 20260815T081405+0000

Ratings and Alerts

No rating or validation information has been found for pAAV asyn WT.

No alerts have been found for pAAV asyn WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Torrente D, et al. (2025) The interaction of tPA with NMDAR1 drives neuroinflammation and neurodegeneration in α -synuclein-mediated neurotoxicity. *Journal of neuroinflammation*, 22(1), 8.

Dubey AR, et al. (2023) Itraconazole Confers Cytoprotection Against Neurodegenerative Disease-Associated Abnormal Protein Aggregation. *Molecular neurobiology*, 60(5), 2397.

Sandoval-Pistorius SS, et al. (2023) Ubiquilin-2 regulates pathological alpha-synuclein. *Scientific reports*, 13(1), 293.

Lashuel HA, et al. (2022) Revisiting the specificity and ability of phospho-S129 antibodies to capture alpha-synuclein biochemical and pathological diversity. *NPJ Parkinson's disease*, 8(1), 136.

Chen J, et al. (2021) p38-TFEB pathways promote microglia activation through inhibiting CMA-mediated NLRP3 degradation in Parkinson's disease. *Journal of neuroinflammation*, 18(1), 295.

Frey B, et al. (2021) Monitoring alpha-synuclein oligomerization and aggregation using bimolecular fluorescence complementation assays: What you see is not always what you get. *Journal of neurochemistry*, 157(4), 872.

Joshi V, et al. (2019) Polyphenolic flavonoid (Myricetin) upregulated proteasomal degradation mechanisms: Eliminates neurodegenerative proteins aggregation. *Journal of cellular physiology*, 234(11), 20900.

Upadhyay A, et al. (2018) Lanosterol Suppresses the Aggregation and Cytotoxicity of Misfolded Proteins Linked with Neurodegenerative Diseases. *Molecular neurobiology*, 55(2), 1169.

Chen J, et al. (2018) Phosphorylation of Parkin at serine 131 by p38 MAPK promotes mitochondrial dysfunction and neuronal death in mutant A53T α -synuclein model of Parkinson's disease. *Cell death & disease*, 9(6), 700.