

Resource Summary Report

Generated by [nidm-terms](#) on Aug 15, 2026

pDEST51-LRRK2-WT

RRID:Addgene_25080

Type: Plasmid

Proper Citation

RRID:Addgene_25080

Plasmid Information

URL: <http://www.addgene.org/25080>

Proper Citation: RRID:Addgene_25080

Insert Name: LRRK2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18397888](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:7464; Vector Backbone:pEF-DEST51; Vector Types:Mammalian Expression, Gateway Cloning; Bacterial Resistance:Ampicillin

Plasmid Name: pDEST51-LRRK2-WT

Record Creation Time: 20220422T222111+0000

Record Last Update: 20260815T081236+0000

Ratings and Alerts

No rating or validation information has been found for pDEST51-LRRK2-WT.

No alerts have been found for pDEST51-LRRK2-WT.

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 [nidm-terms](#) .

Anantha J, et al. (2022) NME1 Protects Against Neurotoxin-, α -Synuclein- and LRRK2-Induced Neurite Degeneration in Cell Models of Parkinson's Disease. *Molecular neurobiology*, 59(1), 61.

Chen L, et al. (2021) LRRK2 inhibition potentiates PARP inhibitor cytotoxicity through inhibiting homologous recombination-mediated DNA double strand break repair. *Clinical and translational medicine*, 11(3), e341.

Salašová A, et al. (2017) A proteomic analysis of LRRK2 binding partners reveals interactions with multiple signaling components of the WNT/PCP pathway. *Molecular neurodegeneration*, 12(1), 54.