

Resource Summary Report

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

[pDG02583](#)

RRID:Addgene_104129

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/104129>

Proper Citation: RRID:Addgene_104129

Insert Name: NEDD8-specific protease 1 (NEDP1)

Organism: Brachypodium distachyon

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29263082](#)

Vector Backbone Description: Vector Backbone:pQE80 derivative; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Supporting reference: A new set of highly efficient, tag-cleaving proteases for purifying recombinant proteins. J Chromatogr A. 2014 Apr 11;1337:95-105. doi: 10.1016/j.chroma.2014.02.029

Plasmid Name: pDG02583

Record Creation Time: 20220422T221505+0000

Record Last Update: 20260725T073404+0000

Ratings and Alerts

No rating or validation information has been found for pDG02583.

No alerts have been found for pDG02583.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

de Zwaan K, et al. (2025) High-Throughput Single-Molecule Microscopy with Adaptable Spatial Resolution Using Exchangeable Oligonucleotide Labels. ACS nano, 19(13), 13149.

Madigan V, et al. (2024) Human paraneoplastic antigen Ma2 (PNMA2) forms icosahedral capsids that can be engineered for mRNA delivery. Proceedings of the National Academy of Sciences of the United States of America, 121(11), e2307812120.

Liu J, et al. (2023) Endothelial discoidin domain receptor 1 senses flow to modulate YAP activation. Nature communications, 14(1), 6457.

Van Fossen EM, et al. (2022) Creating a Selective Nanobody Against 3-Nitrotyrosine Containing Proteins. Frontiers in chemistry, 10, 835229.

Pleiner T, et al. (2021) WNK1 is an assembly factor for the human ER membrane protein complex. Molecular cell, 81(13), 2693.

Pleiner T, et al. (2018) A toolbox of anti-mouse and anti-rabbit IgG secondary nanobodies. The Journal of cell biology, 217(3), 1143.