

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

[pDG02583](#)

RRID:Addgene_104129

Type: Plasmid

Proper Citation

RRID:Addgene_104129

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: 20260902T041017+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 7 mentions in open access literature.

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

Hinshaw SM, et al. (2026) The molecular basis for nuclear pore destruction by a proximity-inducing molecular glue. *Cell chemical biology*, 33(6), 799.

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.