

# Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

## pDest-527

RRID:Addgene\_11518

Type: Plasmid

### Proper Citation

RRID:Addgene\_11518

### Plasmid Information

**URL:** <http://www.addgene.org/11518>

**Proper Citation:** RRID:Addgene\_11518

**Insert Name:** None

**Bacterial Resistance:** Chloramphenicol and Ampicillin

**Vector Backbone Description:** Backbone Marker:PEL; Backbone Size:8266; Vector Backbone:pDest-560; Vector Types:Bacterial Expression, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

**Plasmid Name:** pDest-527

**Record Creation Time:** 20220422T221603+0000

**Record Last Update:** 20260912T091550+0000

### Ratings and Alerts

No rating or validation information has been found for pDest-527.

No alerts have been found for pDest-527.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Gu Kang B, et al. (2025) Proteome-wide microarray-based screening of PAR-binding proteins. *Nucleic acids research*, 53(7).

Sun S, et al. (2025) A Novel Peptide-Based Enzyme-Linked Immunosorbent Assay (ELISA) for Detection of Neutralizing Antibodies Against NADC30-like PRRSV GP5 Protein. *International journal of molecular sciences*, 26(6).

Griffith CM, et al. (2025) CLYBL averts vitamin B12 depletion by repairing malyl-CoA. *Nature chemical biology*, 21(6), 906.

Biswas A, et al. (2025) Expression, purification, and refolding of an optimized SARS-CoV-2 receptor binding domain in *E. coli*. *Plasmid*, 134, 102760.

Graewert MA, et al. (2024) Structural basis of CDNF interaction with the UPR regulator GRP78. *Nature communications*, 15(1), 8175.

Karkanitsa M, et al. (2023) Dynamics of SARS-CoV-2 Seroprevalence in a Large US population Over a Period of 12 Months. *medRxiv : the preprint server for health sciences*.

Lopez J, et al. (2023) The ribosomal S6 kinase 2 (RSK2)-SPRED2 complex regulates the phosphorylation of RSK substrates and MAPK signaling. *The Journal of biological chemistry*, 299(6), 104789.

Jedlickova L, et al. (2022) Characterization of glutamate carboxypeptidase 2 orthologs in trematodes. *Parasites & vectors*, 15(1), 480.

Danilov LG, et al. (2021) The Human NUP58 Nucleoporin Can Form Amyloids In Vitro and In Vivo. *Biomedicines*, 9(10).

Khan OM, et al. (2021) Proteasomal degradation of the tumour suppressor FBW7 requires branched ubiquitylation by TRIP12. *Nature communications*, 12(1), 2043.

Cuevas-Navarro A, et al. (2021) The RAS GTPase RIT1 compromises mitotic fidelity through spindle assembly checkpoint suppression. *Current biology : CB*, 31(17), 3915.

Agamasu C, et al. (2019) KRAS Prenylation Is Required for Bivalent Binding with Calmodulin in a Nucleotide-Independent Manner. *Biophysical journal*, 116(6), 1049.

Paczia N, et al. (2019) 3-Phosphoglycerate Transhydrogenation Instead of Dehydrogenation Alleviates the Redox State Dependency of Yeast de Novo L-Serine Synthesis. *Biochemistry*, 58(4), 259.

Torcato IM, et al. (2019) Identification of novel autoinducer-2 receptors in *Clostridia* reveals plasticity in the binding site of the LsrB receptor family. *The Journal of biological chemistry*, 294(12), 4450.

Quintana MDP, et al. (2018) SURGE complex of *Plasmodium falciparum* in the rhoptry-neck (SURFIN4.2-RON4-GLURP) contributes to merozoite invasion. *PloS one*, 13(8), e0201669.

Quintana MDP, et al. (2018) Antibodies in children with malaria to PfEMP1, RIFIN and SURFIN expressed at the Plasmodium falciparum parasitized red blood cell surface. Scientific reports, 8(1), 3262.

Pellizza L, et al. (2018) Codon usage clusters correlation: towards protein solubility prediction in heterologous expression systems in E. coli. Scientific reports, 8(1), 10618.

McNeilly D, et al. (2018) Degradation of the stress-responsive enzyme formate dehydrogenase by the RING-type E3 ligase Keep on Going and the ubiquitin 26S proteasome system. Plant molecular biology, 96(3), 265.

Raran-Kurussi S, et al. (2017) Expression and Purification of Recombinant Proteins in Escherichia coli with a His6 or Dual His6-MBP Tag. Methods in molecular biology (Clifton, N.J.), 1607, 1.

Singh C, et al. (2017) Molecular Identification of d-Ribulokinase in Budding Yeast and Mammals. The Journal of biological chemistry, 292(3), 1005.