

Resource Summary Report

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

pHYRSF53

RRID:Addgene_64696

Type: Plasmid

Proper Citation

RRID:Addgene_64696

Plasmid Information

URL: <http://www.addgene.org/64696>

Proper Citation: RRID:Addgene_64696

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26297996](#)

Vector Backbone Description: Backbone Size:4100; Vector Backbone:pHYRSF1;
Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pHYRSF53

Record Creation Time: 20220422T222409+0000

Record Last Update: 20260902T045920+0000

Ratings and Alerts

No rating or validation information has been found for pHYRSF53.

No alerts have been found for pHYRSF53.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Cáceres JC, et al. (2025) Nitric Oxide Inhibition of Glycyl Radical Enzymes and Their Activases. *Journal of the American Chemical Society*, 147(14), 11777.

Partey FD, et al. (2024) Efficient transplacental transfer of SARS-CoV-2 antibodies between naturally exposed mothers and infants in Accra, Ghana. *Scientific reports*, 14(1), 10772.

Tapela K, et al. (2023) Development of an Affordable ELISA Targeting the SARS-CoV-2 Nucleocapsid and Its Application to Samples from the Ongoing COVID-19 Epidemic in Ghana. *Molecular diagnosis & therapy*, 27(5), 583.

Mészáros A, et al. (2022) A Novel Tandem-Tag Purification Strategy for Challenging Disordered Proteins. *Biomolecules*, 12(11).

Heikkinen HA, et al. (2022) The NMR structure of the engineered halophilic DnaE intein for segmental isotopic labeling using conditional protein splicing. *Journal of magnetic resonance (San Diego, Calif. : 1997)*, 338, 107195.

Hiltunen MK, et al. (2021) Mini-Intein Structures from Extremophiles Suggest a Strategy for Finding Novel Robust Inteins. *Microorganisms*, 9(6).

Ciragan A, et al. (2020) NMR Structure and Dynamics of TonB Investigated by Scar-Less Segmental Isotopic Labeling Using a Salt-Inducible Split Intein. *Frontiers in chemistry*, 8, 136.

Jaakkonen A, et al. (2020) An off-the-Shelf Approach for the Production of Fc Fusion Proteins by Protein Trans-Splicing towards Generating a Lectibody In Vitro. *International journal of molecular sciences*, 21(11).

Beyer HM, et al. (2019) Crystal structures of CDC21-1 inteins from hyperthermophilic archaea reveal the selection mechanism for the highly conserved homing endonuclease insertion site. *Extremophiles : life under extreme conditions*, 23(6), 669.

Chiarini V, et al. (2019) NMR structure of a non-conjugatable, ADP-ribosylation associated, ubiquitin-like domain from *Tetrahymena thermophila* polyubiquitin locus. *Biochimica et biophysica acta. General subjects*, 1863(4), 749.

Winton AJ, et al. (2018) A versatile expression vector for the growth and amplification of unmodified phage display polypeptides. *Protein expression and purification*, 149, 31.

Norppa AJ, et al. (2018) Mutations in the U11/U12-65K protein associated with isolated growth hormone deficiency lead to structural destabilization and impaired binding of U12 snRNA. *RNA (New York, N.Y.)*, 24(3), 396.