

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

pGEX-2T PTP-1B

RRID:Addgene_8602

Type: Plasmid

Proper Citation

RRID:Addgene_8602

Plasmid Information

URL: <http://www.addgene.org/8602>

Proper Citation: RRID:Addgene_8602

Insert Name: PTP-1B

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4948; Vector Backbone:pGEX-2T; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pGEX-2T PTP-1B

Record Creation Time: 20220422T222553+0000

Record Last Update: 20260902T050404+0000

Ratings and Alerts

No rating or validation information has been found for pGEX-2T PTP-1B.

No alerts have been found for pGEX-2T PTP-1B.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Gao X, et al. (2023) Targeting protein tyrosine phosphatases for CDK6-induced immunotherapy resistance. *Cell reports*, 42(4), 112314.

Kruse T, et al. (2021) Large scale discovery of coronavirus-host factor protein interaction motifs reveals SARS-CoV-2 specific mechanisms and vulnerabilities. *Nature communications*, 12(1), 6761.

Hongdusit A, et al. (2020) Minimally disruptive optical control of protein tyrosine phosphatase 1B. *Nature communications*, 11(1), 788.

D??az Galicia ME, et al. (2019) Methods for the recombinant expression of active tyrosine kinase domains: Guidelines and pitfalls. *Methods in enzymology*, 621, 131.

Ogiue-Ikeda M, et al. (2017) Functionally Altered SH2 Domains for Biochemical Studies: Loss-of-Function Mutant and Domain Concatenation. *Methods in molecular biology* (Clifton, N.J.), 1555, 199.

Machida K, et al. (2017) Binding Assays Using Recombinant SH2 Domains: Far-Western, Pull-Down, and Fluorescence Polarization. *Methods in molecular biology* (Clifton, N.J.), 1555, 307.

Hughes SK, et al. (2015) PTP1B-dependent regulation of receptor tyrosine kinase signaling by the actin-binding protein Mena. *Molecular biology of the cell*, 26(21), 3867.

Mishra J, et al. (2012) Molecular mechanism of interleukin-2-induced mucosal homeostasis. *American journal of physiology. Cell physiology*, 302(5), C735.