

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pGEX Grb2 SH2-SH3

RRID:Addgene_46442

Type: Plasmid

Proper Citation

RRID:Addgene_46442

Plasmid Information

URL: <http://www.addgene.org/46442>

Proper Citation: RRID:Addgene_46442

Insert Name: Grb2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17588523](#)

Vector Backbone Description: Backbone Marker:GE Healthcare Biosciences; Backbone Size:4900; Vector Backbone:pGEX2T; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The molecular weight of the GST fusion protein is approximately 48.6 kDa

Plasmid Name: pGEX Grb2 SH2-SH3

Relevant Mutation: contains amino acids 1-217

Record Creation Time: 20220422T222239+0000

Record Last Update: 20260725T074733+0000

Ratings and Alerts

No rating or validation information has been found for pGEX Grb2 SH2-SH3.

No alerts have been found for pGEX Grb2 SH2-SH3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

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.

Kim MW, et al. (2017) Time-gated detection of protein-protein interactions with transcriptional readout. eLife, 6.

Huang H, et al. (2016) Up-regulation of N-cadherin by Collagen I-activated Discoidin Domain Receptor 1 in Pancreatic Cancer Requires the Adaptor Molecule Shc1. The Journal of biological chemistry, 291(44), 23208.