

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pEGFP-C1-G3BP1-WT

RRID:Addgene_135997

Type: Plasmid

Proper Citation

RRID:Addgene_135997

Plasmid Information

URL: <http://www.addgene.org/135997>

Proper Citation: RRID:Addgene_135997

Insert Name: G3BP1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32017897](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-C1-G3BP1-WT

Record Creation Time: 20220422T221750+0000

Record Last Update: 20260902T041900+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-C1-G3BP1-WT.

No alerts have been found for pEGFP-C1-G3BP1-WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Wang H, et al. (2026) Biomolecular condensates provide a unique environment for redox-mediated protein crosslinking. *bioRxiv : the preprint server for biology*.

Trujillo-Del Río C, et al. (2026) SIR-2.3/SIRT4 loss enhances proteostasis and neuronal resilience via AMPK-induced autophagy in Huntington's disease models. *Cell communication and signaling : CCS*, 24(1), 109.

Devale T, et al. (2026) Multiple Roles of G3BP1 in Regulating STING-Dependent Interferon and Cytokine Induction by Cytosolic dsDNA and HSV-1 Infection. *Viruses*, 18(7).

Lan HC, et al. (2025) Distinct Roles of SARS-CoV-2 N Protein and NFP in Host Cell Response Modulation. *Journal of molecular biology*, 437(12), 169094.

Zammit CM, et al. (2025) Covalent Destabilizing Degradation of AR and AR-V7 in Androgen-Independent Prostate Cancer Cells. *bioRxiv : the preprint server for biology*.

Zhang ML, et al. (2024) Interplay Between Intracellular Transport Dynamics and Liquid? Liquid Phase Separation. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(19), e2308338.

Asamitsu S, et al. (2023) RNA G-quadruplex organizes stress granule assembly through DNAPTP6 in neurons. *Science advances*, 9(8), eade2035.

Sarfraz N, et al. (2023) Visualizing orthogonal RNAs simultaneously in live mammalian cells by fluorescence lifetime imaging microscopy (FLIM). *Nature communications*, 14(1), 867.

Peinado JR, et al. (2022) Sequestration of TDP-43²¹⁶⁻⁴¹⁴ Aggregates by Cytoplasmic Expression of the proSAAS Chaperone. *ACS chemical neuroscience*, 13(11), 1651.

Fischer JW, et al. (2020) Structure-Mediated RNA Decay by UPF1 and G3BP1. *Molecular cell*, 78(1), 70.