# Resource Summary Report

Generated by RRID on Aug 27, 2026

## pET30-2-GAPDH

RRID:Addgene_83910
Type: Plasmid

### Proper Citation

RRID:Addgene_83910

### Plasmid Information

**URL:** http://www.addgene.org/83910

**Proper Citation:** RRID:Addgene_83910

**Insert Name:** glyceraldehyde-3-phosphate dehydrogenase

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:27110680

**Vector Backbone Description:** Backbone Size:5647; Vector Backbone:pET30-2; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pET30-2-GAPDH

**Record Creation Time:** 20220422T222542+0000

**Record Last Update:** 20260815T082109+0000

### Ratings and Alerts

No rating or validation information has been found for pET30-2-GAPDH.

No alerts have been found for pET30-2-GAPDH.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .

Bühler B, et al. (2023) Avidity-based bright and photostable light-up aptamers for single-molecule mRNA imaging. Nature chemical biology, 19(4), 478.

Bryan C, et al. (2022) In vitro eradication of abasic site-mediated DNA-peptide/protein cross-links by Escherichia coli long-patch base excision repair. The Journal of biological chemistry, 298(7), 102055.

Park SS, et al. (2021) Streptococcus pneumoniae binds to host GAPDH on dying lung epithelial cells worsening secondary infection following influenza. Cell reports, 35(11), 109267.

Ketschek A, et al. (2021) The Axonal Glycolytic Pathway Contributes to Sensory Axon Extension and Growth Cone Dynamics. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(31), 6637.

Akef A, et al. (2020) Ribosome biogenesis is a downstream effector of the oncogenic U2AF1-S34F mutation. PLoS biology, 18(11), e3000920.

Genschmer KR, et al. (2019) Activated PMN Exosomes: Pathogenic Entities Causing Matrix Destruction and Disease in the Lung. Cell, 176(1-2), 113.

Yang JS, et al. (2018) GAPDH inhibits intracellular pathways during starvation for cellular energy homeostasis. Nature, 561(7722), 263.