

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pRK5-FLAG-Sestrin3

RRID:Addgene_72592

Type: Plasmid

Proper Citation

RRID:Addgene_72592

Plasmid Information

URL: <http://www.addgene.org/72592>

Proper Citation: RRID:Addgene_72592

Insert Name: SESN3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25263562](#)

Vector Backbone Description: Backbone Size:4661; Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK5-FLAG-Sestrin3

Relevant Mutation: codon optimized for mammalian expression, see deposited sequence

Record Creation Time: 20220422T222446+0000

Record Last Update: 20260815T081921+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-FLAG-Sestrin3.

No alerts have been found for pRK5-FLAG-Sestrin3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Roberson PA, et al. (2023) Glucose-Induced Activation of mTORC1 is Associated with Hexokinase2 Binding to Sestrins in HEK293T Cells. The Journal of nutrition, 153(4), 988.