

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pBSFI-myr-akt-T308D/S473D

RRID:Addgene_49192

Type: Plasmid

Proper Citation

RRID:Addgene_49192

Plasmid Information

URL: <http://www.addgene.org/49192>

Proper Citation: RRID:Addgene_49192

Insert Name: Akt1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9843996](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pBSFI; Vector Types:Adaptor Plasmid; Bacterial Resistance:Ampicillin

Plasmid Name: pBSFI-myr-akt-T308D/S473D

Relevant Mutation: T308D; S473D

Record Creation Time: 20220422T222253+0000

Record Last Update: 20260725T074756+0000

Ratings and Alerts

No rating or validation information has been found for pBSFI-myr-akt-T308D/S473D.

No alerts have been found for pBSFI-myr-akt-T308D/S473D.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Qiu H, et al. (2024) Elaiophylin targets EIF4B to suppress the growth of esophageal squamous cell carcinoma via the PI3K/AKT signaling pathway. Cancer letters, 611, 217401.

Mathews ES, et al. (2016) Cholesterol Biosynthesis Supports Myelin Gene Expression and Axon Ensheatment through Modulation of P13K/Akt/mTor Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(29), 7628.

Xu LJ, et al. (2016) Grb2-associated binder-2 gene promotes migration of non-small cell lung cancer cells via Akt signaling pathway. American journal of translational research, 8(2), 1208.

Wang X, et al. (2015) Muc1 promotes migration and lung metastasis of melanoma cells. American journal of cancer research, 5(9), 2590.