

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

Tag5Amyc-GSK3b CA

RRID:Addgene_16261

Type: Plasmid

Proper Citation

RRID:Addgene_16261

Plasmid Information

URL: <http://www.addgene.org/16261>

Proper Citation: RRID:Addgene_16261

Insert Name: GSK3 beta

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15448698](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4300; Vector Backbone:pCMV-Tag 5A; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: S2A in the sequence does not affect function

Plasmid Name: Tag5Amyc-GSK3b CA

Relevant Mutation: Constitutively active: S9A

Record Creation Time: 20220422T221919+0000

Record Last Update: 20260902T042615+0000

Ratings and Alerts

No rating or validation information has been found for Tag5Amyc-GSK3b CA.

No alerts have been found for Tag5Amyc-GSK3b CA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Sharma P, et al. (2021) Keratin 19 interacts with GSK3 β to regulate its nuclear accumulation and degradation of cyclin D3. *Molecular biology of the cell*, 32(21), ar21.

Maji S, et al. (2019) STAT3- and GSK3 β -mediated Mcl-1 regulation modulates TPF resistance in oral squamous cell carcinoma. *Carcinogenesis*, 40(1), 173.

Pal R, et al. (2017) Inhibition of ERK1/2 Restores GSK3 β Activity and Protein Synthesis Levels in a Model of Tuberous Sclerosis. *Scientific reports*, 7(1), 4174.

Palmieri M, et al. (2017) mTORC1-independent TFEB activation via Akt inhibition promotes cellular clearance in neurodegenerative storage diseases. *Nature communications*, 8, 14338.

Chang TC, et al. (2012) 14-3-3 β regulates β -catenin-mediated mouse embryonic stem cell proliferation by sequestering GSK-3 β . *PloS one*, 7(6), e40193.