

Resource Summary Report

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

pRK5 FLAG 17xS/T->A, catalytic dead lipin 1

RRID:Addgene_32008

Type: Plasmid

Proper Citation

RRID:Addgene_32008

Plasmid Information

URL: <http://www.addgene.org/32008>

Proper Citation: RRID:Addgene_32008

Insert Name: Lipin1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21816276](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The 17xS/T? A mutant encompasses the following residues: S106, S150, (S281, T282), S285, S287, S293, T298, S328, (S353, S356), S392, S468, S472, S483, S634, S635, (S647, S648). Residues in parentheses were both mutated to alanine because the singly phosphorylated site in each case could not be unambiguously determined by mass spectrometry S921A, S923A were previously reported to have been present in this plasmid, but these residues are in fact WT. This change should no affect the reported function.

Plasmid Name: pRK5 FLAG 17xS/T->A, catalytic dead lipin 1

Relevant Mutation: D712E, D714E AND S106A, S150A, (S281A, T282A), S285A, S287A, S293A, T298A, S328A, (S353A, S356A), S392A, S468A, S472A, S483A, S634A, S635A, (S647A, S648A)

Record Creation Time: 20220422T222139+0000

Record Last Update: 20260725T074547+0000

Ratings and Alerts

No rating or validation information has been found for pRK5 FLAG 17xS/T->A, catalytic dead lipin 1.

No alerts have been found for pRK5 FLAG 17xS/T->A, catalytic dead lipin 1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.