

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

FLAG.PKCzeta.T410E

RRID:Addgene_10804

Type: Plasmid

Proper Citation

RRID:Addgene_10804

Plasmid Information

URL: <http://www.addgene.org/10804>

Proper Citation: RRID:Addgene_10804

Insert Name: PKC zeta

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9768361](#)

Vector Backbone Description: Backbone Size:4650; Vector Backbone:pCMV5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: FLAG.PKCzeta.T410E

Relevant Mutation: Activation loop active: T410E (Thr 410 to Glu)

Record Creation Time: 20220422T221524+0000

Record Last Update: 20260808T080404+0000

Ratings and Alerts

No rating or validation information has been found for FLAG.PKCzeta.T410E.

No alerts have been found for FLAG.PKCzeta.T410E.

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 [PRECISE-TBI](#) .

Jossin Y, et al. (2017) Llg1 Connects Cell Polarity with Cell-Cell Adhesion in Embryonic Neural Stem Cells. *Developmental cell*, 41(5), 481.

Rinschen MM, et al. (2014) Phosphoproteomic analysis reveals regulatory mechanisms at the kidney filtration barrier. *Journal of the American Society of Nephrology : JASN*, 25(7), 1509.

Beirowski B, et al. (2011) Sir-two-homolog 2 (Sirt2) modulates peripheral myelination through polarity protein Par-3/atypical protein kinase C (aPKC) signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 108(43), E952.

Whyte J, et al. (2010) PKCzeta regulates cell polarisation and proliferation restriction during mammary acinus formation. *Journal of cell science*, 123(Pt 19), 3316.