

Resource Summary Report

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

pEAK10-His-Myc-Kal7

RRID:Addgene_25454

Type: Plasmid

Proper Citation

RRID:Addgene_25454

Plasmid Information

URL: <http://www.addgene.org/25454>

Proper Citation: RRID:Addgene_25454

Insert Name: Kal7

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10692441](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pEAK-His-Myc; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: There are 2 mutations in the sequence, T64S and N80Y. These sequencing errors are the result of mistakes in initial submission to GenBank. The sequence should be correct.

Plasmid Name: pEAK10-His-Myc-Kal7

Record Creation Time: 20220422T222113+0000

Record Last Update: 20260725T074458+0000

Ratings and Alerts

No rating or validation information has been found for pEAK10-His-Myc-Kal7.

No alerts have been found for pEAK10-His-Myc-Kal7.

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 [NIF](#) .

Saneyoshi T, et al. (2019) Reciprocal Activation within a Kinase-Effector Complex Underlying Persistence of Structural LTP. *Neuron*, 102(6), 1199.

Paskus JD, et al. (2019) Synaptic Kalirin-7 and Trio Interactomes Reveal a GEF Protein-Dependent Neuroligin-1 Mechanism of Action. *Cell reports*, 29(10), 2944.

Galat V, et al. (2016) Transgene Reactivation in Induced Pluripotent Stem Cell Derivatives and Reversion to Pluripotency of Induced Pluripotent Stem Cell-Derived Mesenchymal Stem Cells. *Stem cells and development*, 25(14), 1060.

Owczarek S, et al. (2015) Neurexin-Neuroligin Synaptic Complex Regulates Schizophrenia-Related DISC1/Kal-7/Rac1 "Signalosome". *Neural plasticity*, 2015, 167308.

Steinmeyer JD, et al. (2012) High-throughput single-cell manipulation in brain tissue. *PloS one*, 7(4), e35603.