

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Flag Leucyl tRNA synthetase pRK5

RRID:Addgene_46341

Type: Plasmid

Proper Citation

RRID:Addgene_46341

Plasmid Information

URL: <http://www.addgene.org/46341>

Proper Citation: RRID:Addgene_46341

Insert Name: leucyl tRNA synthetase

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23723238](#)

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

Plasmid Name: Flag Leucyl tRNA synthetase pRK5

Record Creation Time: 20220422T222239+0000

Record Last Update: 20260725T074732+0000

Ratings and Alerts

No rating or validation information has been found for Flag Leucyl tRNA synthetase pRK5.

No alerts have been found for Flag Leucyl tRNA synthetase pRK5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Khayati K, et al. (2017) The amino acid metabolite homocysteine activates mTORC1 to inhibit autophagy and form abnormal proteins in human neurons and mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 31(2), 598.

Pandzic T, et al. (2016) Transposon Mutagenesis Reveals Fludarabine Resistance Mechanisms in Chronic Lymphocytic Leukemia. Clinical cancer research : an official journal of the American Association for Cancer Research, 22(24), 6217.