

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

EKAR2G_design2_mTFP_105_Venus_173

RRID:Addgene_40001

Type: Plasmid

Proper Citation

RRID:Addgene_40001

Plasmid Information

URL: <http://www.addgene.org/40001>

Proper Citation: RRID:Addgene_40001

Insert Name: Erk activity reporter

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23882122](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:4900; Vector Backbone:pTriEx4; Vector Types:Mammalian Expression, Bacterial Expression, Insect Expression; Bacterial Resistance:Ampicillin

Comments: A genetically encoded fluorescent sensor of ERK activity. 2008. PNAS 205(49)

Plasmid Name: EKAR2G_design2_mTFP_105_Venus_173

Record Creation Time: 20220422T222208+0000

Record Last Update: 20260815T081432+0000

Ratings and Alerts

No rating or validation information has been found for EKAR2G_design2_mTFP_105_Venus_173.

No alerts have been found for EKAR2G_design2_mTFP_105_Venus_173.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.