

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pRS426-HsFECH

RRID:Addgene_174524

Type: Plasmid

Proper Citation

RRID:Addgene_174524

Plasmid Information

URL: <http://www.addgene.org/174524>

Proper Citation: RRID:Addgene_174524

Insert Name: FECH with yeast HEM15 promoter and terminator

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34517185](#)

Vector Backbone Description: Backbone Size:5726; Vector Backbone:pRS426; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: Please note: The plasmid contain 17 nucleotide discrepancies at N-terminus of the FEECH sequence compared to the depositor's provided sequence. The depositor noted that these differences do not affect the plasmid's function.

Plasmid Name: pRS426-HsFECH

Relevant Mutation: Lacks original mitochondrial targeting sequence (162 bp), which has been replaced with a 350 bp fragment that contains the *S. cerevisiae* ferrochelatase Hem15 promoter and targeting sequence.

Record Creation Time: 20220422T222009+0000

Record Last Update: 20260815T081041+0000

Ratings and Alerts

No rating or validation information has been found for pRS426-HsFECH.

No alerts have been found for pRS426-HsFECH.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.