

Resource Summary Report

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

pHsSyx3-MBP

RRID:Addgene_179286

Type: Plasmid

Proper Citation

RRID:Addgene_179286

Plasmid Information

URL: <http://www.addgene.org/179286>

Proper Citation: RRID:Addgene_179286

Insert Name: Syx

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35639414](#)

Vector Backbone Description: Backbone Marker:Addgene; Backbone Size:5900; Vector Backbone:pET MBP His6 LIC (2Cc-T), Addgene # 37237; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Protein sequence is Met + human Syx (synectin-binding guanine exchange factor; aa 393-792 from accession number NP_001036128.1) + TEV protease cleavage (ENLYFQ*S; * = cleavage site) + GSSGSM + maltose binding protein (aa 27-393 of AAB59056) + GSS + HHHHHH. Confers ampicillin-resistance. Backbone vector is pET MBP His6 LIC (2Cc-T) Addgene # 37237. Construct design by Ryan Boyd and Debra T. Hansen. Cloning by Felicia M. Craciunescu. Preprint: Boyd et al., bioRxiv 2021.08.26.457821, <https://doi.org/10.1101/2021.08.26.457821>

Plasmid Name: pHsSyx3-MBP

Relevant Mutation: residues 393-792 from accession number NP_001036128.1; optimized DNA sequence

Record Creation Time: 20220603T080212+0000

Record Last Update: 20260725T075434+0000

Ratings and Alerts

No rating or validation information has been found for pHsSyx3-MBP.

No alerts have been found for pHsSyx3-MBP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.