

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

HIS_TEV_hsSYX3

RRID:Addgene_179290

Type: Plasmid

Proper Citation

RRID:Addgene_179290

Plasmid Information

URL: <http://www.addgene.org/179290>

Proper Citation: RRID:Addgene_179290

Insert Name: Syx

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35639414](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5236; Vector Backbone:pET-28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Protein sequence is MGSS + HHHHHH + GGG + TEV protease cleavage (ENLYFQ*S; * = cleavage site) + human Syx (synectin-binding guanine exchange factor; aa 393-792 from accession number NP_001036128.1). Confers kanamycin-resistance. Backbone vector is pET-28a. Construct design by Ryan Boyd. Preprint: Boyd et al., bioRxiv 2021.08.26.457821, <https://doi.org/10.1101/2021.08.26.457821>

Plasmid Name: HIS_TEV_hsSYX3

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

Record Creation Time: 20220603T080212+0000

Record Last Update: 20260815T082303+0000

Ratings and Alerts

No rating or validation information has been found for HIS_TEV_hsSYX3.

No alerts have been found for HIS_TEV_hsSYX3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.