

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

YIP sHRPa-Aga1P

RRID:Addgene_73151

Type: Plasmid

Proper Citation

RRID:Addgene_73151

Plasmid Information

URL: <http://www.addgene.org/73151>

Proper Citation: RRID:Addgene_73151

Insert Name: sHRPa-Aga1P

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27240195](#)

Vector Backbone Description: Backbone Size:4781; Vector Backbone:YIP; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: sHRPa is the large split HRP fragment. It consists of amino acids 1-213 of horseradish peroxidase (HRP) with the following 4 mutations: T21I, P78S, R93G, N175S. The insert contains the following features: BamHI-Aga1P ss-AflII-sHRPa-3 aa linker-V5 epitope tag-9 aa linker-NheI-Aga1P mature-stop-XhoI glyceraldehyde-3-phosphate dehydrogenase GPD promoter (constitutive) 3 aa linker: GSG 9 aa linker: GSGGGGSSG V5 epitope tag: GKPIP NPLLGLDST This plasmid was derived from the previously published "LAP-Aga1P" plasmid (White and Zegelbone, *Biochemistry*, 52, 3728-3739, 2013). When this vector is linearized by restriction digest, it incorporates into the yeast genome.

Plasmid Name: YIP sHRPa-Aga1P

Record Creation Time: 20220422T222448+0000

Record Last Update: 20260815T081926+0000

Ratings and Alerts

No rating or validation information has been found for YIP sHRPa-Aga1P.

No alerts have been found for YIP sHRPa-Aga1P.

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 [RRID](#) .

Potts KA, et al. (2020) Reporter system architecture affects measurements of noncanonical amino acid incorporation efficiency and fidelity. Molecular systems design & engineering, 5(2), 573.

Yang H, et al. (2019) CRISPR Cas9 in Pancreatic Cancer Research. Frontiers in cell and developmental biology, 7, 239.