

Resource Summary Report

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CAG sHRPa-FRB-pre mGRASP

RRID:Addgene_73145

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/73145>

Proper Citation: RRID:Addgene_73145

Insert Name: sHRPa-FRB-pre mGRASP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27240195](#)

Vector Backbone Description: Backbone Size:4247; Vector Backbone:pCAG; Vector Types:Mammalian 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: EcoRI-? integrin ss-AgeI-sHRPa-10 aa linker-XhoI-FRB-MfeI-flag-CD4-2(25-242 aa)-NRX1?(414-468 aa)-NotI-stop-HindIII CAG promoter 10 aa linker: KGSGSTSGSG FRB: we used a 94 aa sequence that matches residues 5-98 of chain A in PDB 1AUE Nematode ? integrin ss: MPPSTSLLLLAALLPFALPASDWKTGEVTAS This construct is identical to the previously reported "pre-mGRASP" (Addgene ID 34910) except AgeI and NotI restriction sites are added here, and the 5 aa linker here is shorter than the previously reported 10 aa linker.

Plasmid Name: CAG sHRPa-FRB-pre mGRASP

Record Creation Time: 20220422T222448+0000

Record Last Update: 20260902T050110+0000

Ratings and Alerts

No rating or validation information has been found for CAG sHRPa-FRB-pre mGRASP.

No alerts have been found for CAG sHRPa-FRB-pre mGRASP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.