Resource Summary Report

Generated by RRID on Aug 19, 2026

BiP-mGFP P495L

RRID:Addgene_62232
Type: Plasmid

Proper Citation

RRID:Addgene_62232

Plasmid Information

URL: http://www.addgene.org/62232

Proper Citation: RRID:Addgene_62232

Insert Name: hamster BiP-mGFP-KDEL

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: PMID:20410136

Vector Backbone Description: Backbone Marker:clontech; Backbone Size:4000; Vector Backbone:clontech N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Avoid overexpression. Low expressing cells are best for imaging. High expression leads to protein aggregation in the nuclear envelope. See supplementary data for original paper. This mutant can not bind client proteins. Do NOT use this as an ER marker. BiP is a functional protein and significantly impacts the ER environment increasing stress resistance. Use ER-GFP if you simply want a marker for the ER when imaging cells.

Plasmid Name: BiP-mGFP P495L

Record Creation Time: 20220422T222356+0000

Record Last Update: 20260815T081751+0000

Ratings and Alerts

No rating or validation information has been found for BiP-mGFP P495L.

No alerts have been found for BiP-mGFP P495L.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.