Resource Summary Report

Generated by RRID on Aug 19, 2026

pBa.Kif1a 1-396.GFP

RRID:Addgene_45058
Type: Plasmid

Proper Citation

RRID:Addgene_45058

Plasmid Information

URL: http://www.addgene.org/45058

Proper Citation: RRID:Addgene_45058

Insert Name: Kif 1a

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:16543128

Vector Backbone Description: Backbone Size:6755; Vector Backbone:pBa-eGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: pBa vector is susceptable to recombination and should not be grown in fast growing bacteria or cloned using recombination. XL 10-Gold, Stbl3, OmniMax2, DH5alpha, and XL 1-Blue are suitable growth strains.

Plasmid Name: pBa.Kif1a 1-396.GFP

Relevant Mutation: motor domain aa 1-396

Record Creation Time: 20220422T222232+0000

Record Last Update: 20260815T081520+0000

Ratings and Alerts

No rating or validation information has been found for pBa.Kif1a 1-396.GFP.

No alerts have been found for pBa.Kif1a 1-396.GFP.

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 .

Willette BKA, et al. (2023) Endosome positioning coordinates spatially selective GPCR signaling. Nature chemical biology.

Lessard DV, et al. (2019) Polyglutamylation of tubulin's C-terminal tail controls pausing and motility of kinesin-3 family member KIF1A. The Journal of biological chemistry, 294(16), 6353.