pAlb.GH

This plasmid contains both the mouse albumin promoter/enhancer sequence and coding sequences of the human growth hormone gene flanking a unique BamHI site. This plasmid may be used to assemble transgenes for expression in liver. Note: The albumin promoter/enhancer sequence was originally obtained from Richard Palmiter.

Keywords: albumin | growth hormone | transgene | liver

Expand

Vector Annotations

Vector Map	Zoom in Save original
Genbank File	pAlb.GH.gb
Backbone Vector	pBluescript KS+
Construct Size	7,442 bp (approximate)
Bacterial Stock	No
Storage Temperature	-20°C
Stock Concentration	0.1 µg/µL
Addgene	*Not Provided*

Source

Laboratory	Mark Magnuson
Made by	Kathy Shelton
Stock Date	December 22, 2008

Inventory Location

Private

Publications / Citations

1. Dual roles for glucokinase in glucose homeostasis as determined by liver and pancreatic beta cell-specific gene knock-outs using Cre recombinase. Postic C, Shiota M, Niswender KD, Jetton TL, Chen Y, Moates JM, Shelton KD, Lindner J, Cherrington AD, Magnuson MA (1999) *J Biol Chem* **274(1)**: 305-15
   › Primary publication · 9867845 (PubMed) · Added on 1/31/2014

MeSH Terms

Albumins | Alleles | Animals | Base Sequence | DNA Primers | Gene Deletion | Glucokinase | Glucose | Homeostasis | Insulin | Integrases | Islets of Langerhans | Liver | Mice | Mice, Knockout | Transgenes | Viral Proteins