Datasheet for ABIN3241322

Human LOC100130932 CRISPR gRNA + Cas9 in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	1 kit
Gene:	SNRPGP15 (LOC100130932)
Species:	Human
Fusion tag:	Myc-DYKDDDDK Tag
Insert:	gRNA + Cas9
Vector:	Mammalian Expression Vector
Application:	Genome Editing with Engineered Nucleases (GEEN)

Product Details

Purpose:	Knockout Kit for Human LOC100130932 via CRISPR.
Vector Backbone:	pCas-Guide
Promoter:	U6 Promoter, Enhanced CMV Promoter
Bacterial Resistance:	Ampicillin
Expression Type:	Transient
Characteristics:	• The LOC100130932 kit is designed based on the best knowledge of CRISPR technology. • The system has been functionally validated for knocking-in the cassette downstream the native promoter. • The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
Sequencing Primer:	CF3 (ACGATACAAGGCTGTTAGAGAG)
Components:	• LOC100130932 gRNA vector 1 in pCAS-Guide vector. • LOC100130932 gRNA vector 2 in pCAS-Guide vector. • Donor vector containing Left and right homologous arms and GFP-Puro functional cassette.

Product Details

- Scramble sequence in pCas-Guide vector

Target Details

Gene:	SNRPGP15 (LOC100130932)
Alternative Name:	LOC100130932

Application Details

Application Notes:	• Knock-in GFP reporter for promoter study. • Knock-out genes at chromosomal level.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	-20 °C

Publications

Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)