

Certificate of Analysis

Project ID: U194RFE240-7

Construct Information:

Gene Name: s_prot_pcDNA3.1(+)

Clone ID: N87000

Cloning Vector: pcDNA3.1(+)

Gene Length: 3842 bp

Cloning Strategy: BamHI/NotI

Growth in Bacteria:

Plasmid resistance: Ampicillin

Suggested competent cell: JM108

Growth Temperature: 37 °C

Sequencing primer(s) *:

PEGFP-N-5: TGGGAGGTCTATATAAGCAGAG

BGH: TAGAAGGCACAGTCGAGG

*: The primers are located at the 5'and/or 3'sides of MCS region.

Default	Shipping at	Plasmid Storing at	Bacstab Storing at	Glycerol Stock Storing at
Lyophilized	Room Temperature	-20 °C	4 °C	-80 °C

QC Items	Specifications	Results	
Sequencing Alignment	Sequencing results are consistent with the targeted insert sequence.	Pass	Consistent
Vector Sequence	The flanking sequences of the cloning site are correct.	Pass	Correct
			Shown in the SQD file
Restriction Digests	The size of inserted fragment is correct and free of unexpected bands.	Pass	Correct
			Shown in attachment 1
DNA Quality	Miniprep: 4 µg	Pass	≥ 4 µg
	OD260/280=1.8~2.0		OD260/280=1.91
	Free of contamination		Pure
Quality Grade	Research Grade	Pass	Research Grade
Appearance	Clear and free of foreign particles.	Pass	Clear
			Free of foreign particles
Additional Test	N/A	N/A	

Certified by: *Morgan Wu* Date: 06/10/2020

For research use only

860 Centennial Ave., Piscataway, NJ 08854, USA

Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

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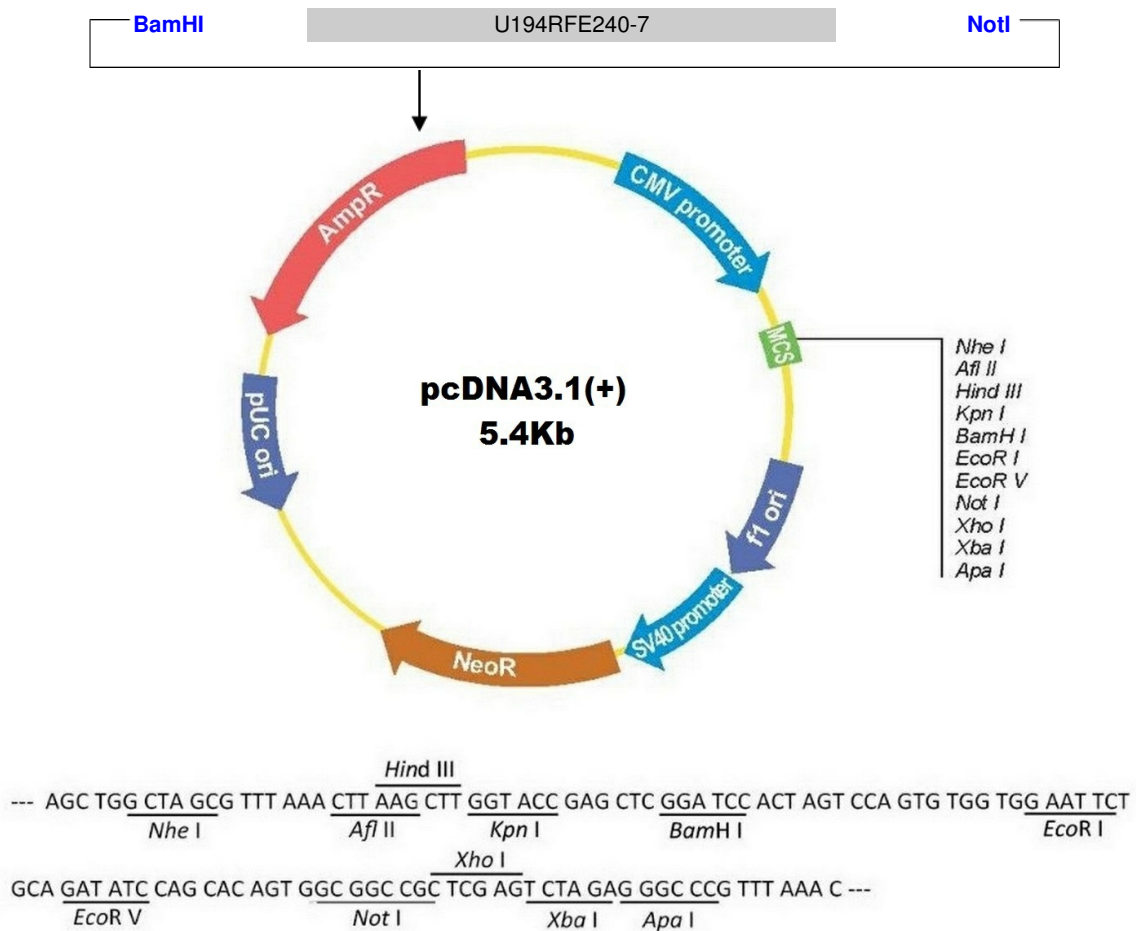
Email: order@genscript.com

Web: www.genscript.com

Attachment 1

Plasmid Construct Map

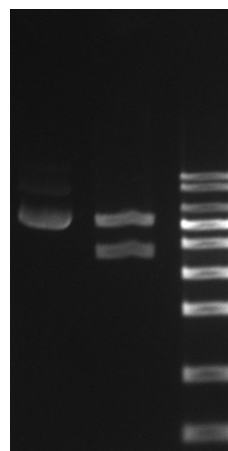
The gene was cloned in pcDNA3.1(+) by BamHI/NotI .



Notes: This map is based on a commercial vector. Some of the clone sites may be lost after cloning.

Enzyme Digestion

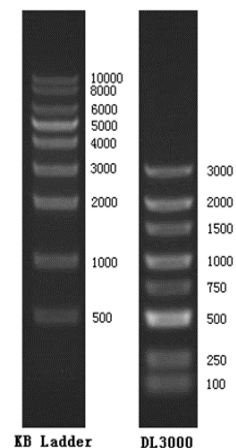
1 2 M



Lane M: KB Ladder
Lane 1: U194RFE240-7 plasmid
Lane 2: U194RFE240-7 plasmid digested
by BamHI and NotI

Digestion Conditions:

About 300ng plasmid digested
Digestion in water-bath, 37°C for 40 minutes
1% Agarose Gel



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