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PRODUCT: pTAL-Luc Vector

CATALOG NO.
631909

AMOUNT
20 µg

DESCRIPTION

pTal-Luc is an enhancerless reporter vector that is ideal for use as a negative control or in studies of putative enhancers inserted upstream of the reporter gene. pTal-Luc contains the firefly luciferase gene.

LOT NUMBER

Specified on product label.

STORAGE BUFFER

10 mM Tris-HCl (pH 8.0)
1 mM EDTA (pH 8.0)

CONCENTRATION: 500 ng/µl

PLASMID SIZE: 5.0 kb

STORAGE CONDITIONS

- Store plasmid at -20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

CLONING SITES

Kpn I, *Sac* I, *Mlu* I, *Nhe* I, *Xma* I, *Xho* I, *Sma* I, *Bgl* II

SHELF LIFE

1 year from date of receipt under proper storage conditions.

ANTIBIOTIC RESISTANCE

Ampicillin (50 µg/ml for propagation in *E. coli*)

SHIPPING CONDITIONS

Blue ice (4°C) or
Dry ice (-70°C)

PACKAGE CONTENTS

1 tube of pTal-Luc Vector

OTHER

Vector Information Packet (PT3272-5)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Enzyme(s)	Fragment(s)
<i>Bgl</i> II	5.0 kb
<i>Hind</i> III/ <i>Sph</i> I/ <i>Xba</i> I	3.3, 1.0 & 0.7 kb

- A_{260}/A_{280} : 1.8 – 2.0
- The identity of this vector was confirmed by sequencing.



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