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PRODUCT: pLXSN Retroviral Vector

<p>CATALOG NO. 631509</p> <p>AMOUNT 20 µg</p> <p>LOT NUMBER Specified on product label.</p> <p>STORAGE BUFFER 10 mM Tris-HCl (pH 8.0) 1 mM EDTA (pH 8.0)</p> <p>STORAGE CONDITIONS</p> <ul style="list-style-type: none"> • Store plasmid at -20°C. • Spin briefly to recover contents. • Avoid repeated freeze/thaw cycles. <p>SHelf LIFE 1 year from date of receipt under proper storage conditions.</p> <p>SHIPPING CONDITIONS Blue ice (4°C) or dry ice (-70°C)</p>	<p>DESCRIPTION pLXSN is designed for retroviral gene delivery and expression of gene of interest. It contains the retroviral packaging sequence (Ψ⁺) and so, when transfected into a cell line expressing the retroviral structural proteins (<i>gag</i>, <i>pol</i>, and <i>env</i>), leads to packaging of viral particles. The 5' viral LTR in this vector contains a viral promoter that controls expression of the gene of interest.</p> <p>CONCENTRATION: 500 ng/µl</p> <p>PLASMID SIZE: 5.9 kb</p> <p>CLONING SITES <i>EcoR</i> I, <i>Hpa</i> I, <i>Xho</i> I, <i>BamH</i> I</p> <p>ANTIBIOTIC RESISTANCE Ampicillin (100 µg/ml for propagation in <i>E. coli</i>)</p> <p>PACKAGE CONTENTS 1 tube of pLXSN Retroviral Vector</p> <p>OTHER</p> <ul style="list-style-type: none"> • Vector Information Packet (PT3134-5) • User Manual (PT3132-1)
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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>EcoR</i> I	5.9 kb
<i>Hind</i> III / <i>Sac</i> I	3.1, 1.4, & 1.3 kb
<i>BamH</i> I	5.9 kb

- A_{260}/A_{280} : 1.8 – 2.0

APPROVED BY: 

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