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PRODUCT: pSRE-SEAP Vector

<p>CATALOG NO. 631901</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>AMOUNT 20 μg</p> <p>DESCRIPTION pSRE-SEAP is a reporter vector that is ideal for studying the induction of the serum response element (SRE). SRE is induced through the mitogen activated protein (MAP) kinase signal transduction pathway. pSRE-SEAP contains the secreted alkaline phosphatase (SEAP) gene as the reporter. pTAL-SEAP is provided as a negative control to measure background signals, or it can be used for studying putative enhancer elements, which can be cloned into the MCS.</p> <p>CONCENTRATION: 500 ng/μl</p> <p>PLASMID SIZE: 4.9 kb</p> <p>ANTIBIOTIC RESISTANCE Ampicillin (50 $\mu\text{g}/\text{ml}$; for propagation in <i>E. Coli</i>)</p> <p>PACKAGE CONTENTS</p> <ul style="list-style-type: none"> • 20 μg pSRE-SEAP Vector • 20 μg pTAL-SEAP Vector <p>OTHER</p> <ul style="list-style-type: none"> • Vector Information Packet (PT3277-5) • Vector Information Packet (PT3271-5)
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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:

pSRE-SEAP Vector	Enzyme(s) <i>Hind</i> III	Fragment(s) 4.9 kb
pTAL-SEAP Vector	Enzyme(s) <i>Xho</i> I	Fragment(s) 4.8 kb

- A_{260}/A_{280} : 1.8 – 2.0



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