

pSEAP2-Control Vector

Catalog No.

631717

Amount

20 µg

Lot Number

Specified on product label.

Description

pSEAP2-Control is designed to provide a reference for comparing the activities of promoters and enhancers using the secreted form of human alkaline phosphatase (SEAP) as a reporter gene. This vector can also be used to monitor transfection efficiencies.

- **Plasmid Size:** 5.1 kb
- **Cloning Sites:** Asp718 I, Kpn I, Mlu I, Nhe I, Srf I, Xho I, Bgl II, Hind III, BsfB I, Nru I, EcoR I
- **Antibiotic Resistance:** Ampicillin (100 µg/ml)

Package Contents

- 1 tube pSEAP2-Control Vector

Storage Conditions

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

Expiration Date

- Specified on product label.

Storage Buffer

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

Concentration

- 500 ng/µl

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- pSEAP2-Control vector information
- pSEAP2-Control vector sequence in GenBank format

Takara Bio USA, Inc.

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Quality Control Data

Plasmid Identity & Purity

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

Vector	Enzyme	Fragments
pSEAP2-Control	Hind III/Xba I	3.6 & 1.5 kb
	Ase I/BamH I	2.0, 1.8 & 1.3 kb

- A_{260}/A_{280} : 1.8–2.0

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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