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PRODUCT: Matchmaker™ Mammalian Assay Kit 2

CATALOG NO. 630305

LOT NUMBER

Specified on product label.

STORAGE CONDITIONS

- Store plasmids at -20°C .
- Avoid repeated freeze/thaw cycles.

SHELF LIFE

1 year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS

Dry ice (-70°C) or blue ice (-20°C)

DESCRIPTION

Complete kit for confirming a known protein-protein interaction using two-hybrid technology in mammalian cell culture. Protein-protein interaction is assayed by measuring SEAP gene expression. No lysis is required.

PACKAGE CONTENTS

- 20 μl pM GAL4 DNA-BD Cloning Vector (500 ng/ μl)
- 20 μl pVP16 AD Cloning Vector (500 ng/ μl)
- 20 μl pG5SEAP Reporter Vector (500 ng/ μl)
- 20 μl pM3-VP16 Positive Control Vector (500 ng/ μl)
- 20 μl pM-53 Positive Control Vector (500 ng/ μl)
- 20 μl pVP16-T Positive Control Vector (500 ng/ μl)
- 20 μl pVP16-CP Negative Control Vector (500 ng/ μl)
- User Manual (PT3714-1)
- Vector Information Packet (PT3119-5)
- Vector Information Packet (PT3127-5)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

The size, purity, and concentration of the plasmids were verified by digestion with the following restriction enzymes and electrophoresis on a 0.8% agarose/EtBr gel.

Vector	Enzymes	Fragment Sizes (kb)
pG5SEAP Reporter Vector	<i>Kpn</i> I / <i>Aat</i> II	4.0, 0.5
	<i>Kpn</i> I	4.5
pM GAL4 DNA-BD Cloning Vector	<i>Hind</i> III / <i>Xho</i> I	3.2, 0.3
pM3-VP16 Positive Control Vector	<i>Hind</i> III / <i>Xho</i> I	1.2, 3.2
pM-53 Positive Control Vector	<i>Eco</i> R I / <i>Sal</i> I	1.0, 3.5
pVP16 AD Cloning Vector	<i>Bgl</i> II / <i>Xba</i> I	0.3, 3.0
pVP16-T Positive Control Vector	<i>Bgl</i> II / <i>Xba</i> I	2.4, 3.0
pVP16-CP Negative Control Vector	<i>Eco</i> R I / <i>Xba</i> I	0.6, 3.3

APPROVED BY: 

Notice to Purchaser

This product is intended to be used for research purposes only. It is not to be used for drug or diagnostic purposes nor is it intended for human use. Clontech products may not be resold, modified for resale, or used to manufacture commercial products without written approval of Clontech Laboratories, Inc.



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