Certificate of Analysis

PRODUCT: pCMV-Myc & pCMV-HA Vector Set

CATALOG No. 631604

LOT NUMBER
Specified on product label.

STORAGE CONDITIONS
Store at –20°C

SHELF LIFE
1 year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS
Dry ice (-70°C)

DESCRIPTION
A kit for expression, detection and coimmunoprecipitation of epitope-tagged proteins in mammalian cells. These vectors allow you to easily clone and express a gene of interest fused to an epitope tag. The antibodies to the tags allow detection and purification of the expressed tagged proteins.

PACKAGE CONTENTS
- 10 µg pCMV-Myc-N Vector (500 ng/µl)
- 10 µg pCMV-HA-N Vector (500 ng/µl)
- 500 µl c-Myc Monoclonal Antibody (200 µg/ml)
- 100 µl HA-Tag Polyclonal Antibody (IgG; 1 mg/ml)
- 50 µl pCMV Sequencing Primer (20 µM)

SUGGESTED ANTIBODY DILUTIONS FOR WESTERN BLOTS:
- c-Myc Monoclonal Antibody (1:100)
- HA-Tag Polyclonal Antibody (1:500)

PRIMER SEQUENCE
5'-GAT-CCG-GTA-CTA-GAG-GAA-CTG-AAA-AAC-3'
(primer location indicated on Vector Information Packets)

ANTIBODY SOURCES
- c-Myc Monoclonal Antibody was raised in mice against a synthetic peptide (residues 408–439 of the human p62-c-Myc protein).
- HA-Tag Polyclonal Antibody was raised in rabbits against KLH-conjugated synthetic HA epitope (YPYDVPDYA).

PRODUCT USER MANUALS
User manuals for Clontech products are available for download at www.clontech.com/manuals. The following user manuals apply to this product:
- pCMV-Myc-N Vector Information
- pCMV-HA-N Vector Information

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FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

See back of page.

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(110911)

QUALITY CONTROL DATA

1. Plasmid identity and purity

The identity of each plasmid was verified by: a) electrophoresis on an agarose/EtBr gel after digestion with the indicated enzymes, and b) sequence analysis of the epitope tag region. The purity of each plasmid was checked by determining the A_{260}/A_{280}.

Vector	Enzyme	Fragment Size (kb)
pCMV-Myc-N	EcoR I	3.8
	Pst I	2.7 & 1.1
pCMV-HA-N	EcoR I	3.8
	Pst I	2.7 & 1.1

2. Antibodies

The c-Myc and HA-Tag antibodies were tested by Western blotting. Cell lysates containing c-Myc- or HA-tagged proteins were electrophoresed on SDS polyacrylamide gels, followed by transfer to PVDF membranes. The blots were probed with 2 µg/ml c-Myc Monoclonal Antibody or 0.5 µg/ml HA-Tag Polyclonal Antibody, followed by secondary antibody.

Notice to Purchaser

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NOTICE TO PURCHASER:

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