

MATCHMAKER & YEASTMAKER™ Systems

Finding you the perfect match

- Construct and screen a two-hybrid library in less than 10 days
- A comprehensive set of tools to study protein-protein interactions
- Screen premade or custom-made cDNA libraries for novel protein interactions
- Confirm, analyze, and visualize interactions between proteins of interest

Our integrated MATCHMAKER and YEASTMAKER™ Platforms are the most advanced and comprehensive systems for studying protein-protein interactions. You can easily screen one of our premade, pretransformed libraries with our improved MATCHMAKER Two-Hybrid System 3, or generate and screen your own library with our MATCHMAKER Library Construction and Screening Kit. Both kits are optimized for minimal background.



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Visit www.clontech.com or call (800) 662-2566 (CLON) to order

MATCHMAKER & YEASTMAKER™ Systems



MATCHMAKER Two-Hybrid System 3

- Virtually eliminates false positives with the use of independent reporters
- Easily detect fusion proteins using popular epitope tags
- Selectively rescue either the AD (library) or DNA-BD (bait) vectors from the yeast
- Conveniently transcribe & translate your protein of interest *in vitro*



Pretransformed MATCHMAKER cDNA Libraries

- The fastest way to screen for novel protein interactions
- High-complexity libraries
- Fewer false positives with yeast strain AH109



YEASTMAKER™ Transformation System 2

- New & improved method for single plasmid & library transformation
- Ten times higher transformation efficiency than before
- Easy-to-use LiAc-based system
- Optimized for use with all MATCHMAKER Systems & Libraries



MATCHMAKER Library Construction & Screening Kit

- Requires less than 1 µg of total RNA
- Generate two-hybrid libraries from any tissue source
- Construct & screen a two-hybrid library in less than a week
- Convenient & reliable—perfect for a first-time user



MATCHMAKER BioSensor Kit

- Confirm two-hybrid interactions
- Study the effects of drugs on protein-protein interactions
- Simple, easy & convenient
- Analyze random, deletion, or truncated mutants



MATCHMAKER Co-IP Kit (coming soon)

- Simple, easy & convenient
- Visualize protein interactions confirmed using MATCHMAKER BioSensor Kit
- Highly specific antibody tags for both bait & novel proteins
- Compatible with any MATCHMAKER GAL4-based vectors



YEASTMAKER™ Plasmid Isolation Kit

- Simple, easy & convenient
- Isolated plasmids ready for PCR analysis or *E. Coli* transformation
- Lyticase-based cell disruption yields reproducible results



KC8 Competent Bacterial Cells

- Choice of chemically competent or electrocompetent KC8 Cells
- Selectively rescue MATCHMAKER library plasmids from yeast transformants

Product	Size	Cat. #
MATCHMAKER Two-Hybrid System 3	each	K1612-1
MATCHMAKER Library Construction and Screening Kit	5 rxns Not-For-Profit Entities	K1615-1
MATCHMAKER BioSensor Kit	5 plates	K1616-1
YEASTMAKER Transformation System 2	each	K1606-1
YEASTMAKER Yeast Plasmid Isolation Kit	20 isolations	K1611-1
KC8 Chemically Competent Cells	5 x 0.2 ml	C2004-1
KC8 Electrocompetent Cells	4 x 100 µl	C2023-1

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