

**P02208**

**DUALmembrane human kidney cDNA library**

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**Source data**

|          |              |
|----------|--------------|
| Organism | Homo sapiens |
| Stage    | Adult        |
| Tissue   | Kidney       |
| RNA      | poly A+ RNA  |

**Construction data**

|                      |                       |
|----------------------|-----------------------|
| Library vector       | pDL2xN-SUC/pDL2xN-STE |
| Cloned               | directional / Sfi I   |
| 1st strand synthesis | random hexamers       |
| 5' adapter           | DSM4                  |

**Quality control data**

|                       |          |                    |
|-----------------------|----------|--------------------|
| Complexity            | 2x10E6   | independent clones |
| Average insert size   | 1.6 kb   |                    |
| Size range            | 0.3-4 kb |                    |
| % vectors with insert | 92%      |                    |
| % inserts > 250 bp    | 90%      |                    |

|                       |   |
|-----------------------|---|
| DSM4 adapter          | 5' AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGG 3'                     |
| oligo dT primer       | 5' ATTCTAGAGCCGAGGCGGCCGACATGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 3' |
| random hexamer primer | 5' ATTCTAGAGCCGAGGCGGCCGACATGNNNNNN 3'                            |

Libraries are supplied as purified plasmid DNA. Store at -20°C upon arrival.  
 Vector sequences and maps can be found in the support section of <http://www.dualsystems.com>.

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