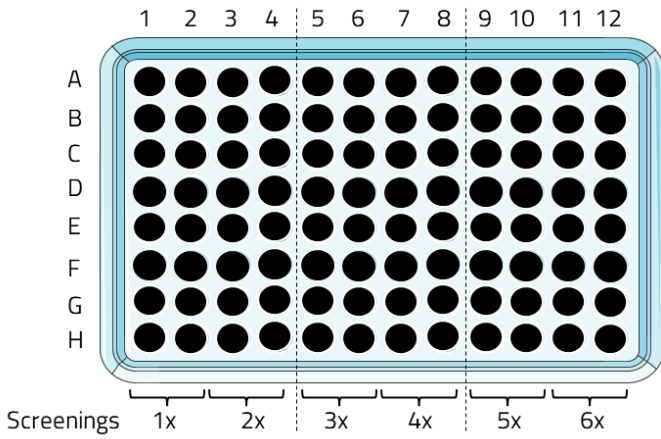


NativeMP™ Rho1D4 Purification Plate

96 deep-well plate (KingFisher™)

Cat. No.: 90402, 90404, 90406

| Description | <p>NativeMP™ Rho1D4 Purification plates are 96 deep-well plates for high-throughput membrane protein purification of Rho1D4 fusion proteins with KingFisher™ instruments. They contain HighSpec Rho1D4 MagBeads, which are characterized by a high binding specificity and affinity. The plates have to be combined with NativeMP™ Screening plates (Cat. No. 90302, 90304 or 90306) to identify optimal solubilization and stabilization conditions for a membrane protein of choice.</p> | | | | | | | | | | | | |
|-------------------------|---|---------------------|-----------------------------------|---------------------|-------|-----|----|-------|-----|----|-------|------|----|
| Plate content | <p>30 µL dehydrated magnetic beads per well as indicated:</p> <div style="text-align: center;">  <p>Screenings 1x 2x 3x 4x 5x 6x</p> </div> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #1a522a; color: white;"> <th>Cat. No.</th> <th>Columns containing magnetic beads</th> <th>Possible screenings</th> </tr> </thead> <tbody> <tr> <td>90402</td> <td>1-4</td> <td>2x</td> </tr> <tr> <td>90404</td> <td>1-8</td> <td>4x</td> </tr> <tr> <td>90406</td> <td>1-12</td> <td>6x</td> </tr> </tbody> </table> | Cat. No. | Columns containing magnetic beads | Possible screenings | 90402 | 1-4 | 2x | 90404 | 1-8 | 4x | 90406 | 1-12 | 6x |
| Cat. No. | Columns containing magnetic beads | Possible screenings | | | | | | | | | | | |
| 90402 | 1-4 | 2x | | | | | | | | | | | |
| 90404 | 1-8 | 4x | | | | | | | | | | | |
| 90406 | 1-12 | 6x | | | | | | | | | | | |
| Plate type | KingFisher™ 96 deep-well plate (Cat. No. 95040450) | | | | | | | | | | | | |
| Bead size | 20-40 µm (30 µm average) | | | | | | | | | | | | |
| Binding capacity | Up to 90 µg protein per well. Binding capacity was determined with a 35 kDa Rho1D4-tagged membrane protein. Please note that the binding capacity is highly protein-dependent. | | | | | | | | | | | | |
| Working volume | 50-950 µL per well | | | | | | | | | | | | |
| Working pH | Optimal: pH 7-8 | | | | | | | | | | | | |
| Application | <p>High-throughput membrane protein purification in 96 well format. For membrane protein solubilization & stabilization and subsequent purification, use NativeMP™ Screening Plate in combination with NativeMP™ Rho1D4 Purification Plate.</p> <p>Compatible with KingFisher™ Flex (program & protocol provided), Duo Prime and Presto instruments.</p> | | | | | | | | | | | | |
| Stability | 6 months after shipping | | | | | | | | | | | | |

| | |
|---------------------|---|
| Storage | 2-8 °C |
| Shipping | Room temperature |
| Hazards | Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided. |
| Manufacturer | Cube Biotech |

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