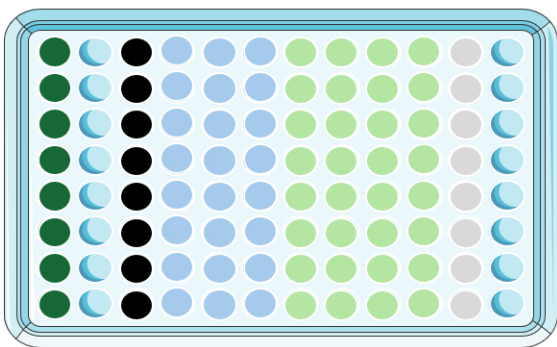


# PlateX MP™ Rho1D4 MagBeads

96 deep-well plate (Axygen)

Cat. No.: 90610

<b>Description</b>	<p><b>PlateX MP™ Rho1D4 MagBeads is a ready-to-use plate for automated membrane protein solubilization and purification via Rho1D4-tag. It enables rapid identification of the most effective synthetic copolymer out of eight variants for subsequent upscaling of membrane protein production. The plate contains all required reagents - copolymers, HighSpec Rho1D4 MagBeads and equilibration, wash and elution buffers - in a lyophilized format.</b></p>																
<b>Plate content</b>	<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Copolymers:</u></p> <ul style="list-style-type: none"> <li>Cubipol A</li> <li>Cubipol Glycerol B</li> <li>Sulfo-Cubipol C</li> <li>Sulfo-Cubipol Medium D</li> <li>Sulfo-Cubipol Lite E</li> <li>Glyco-Cubipol F</li> <li>Cubipol PEG G</li> <li>Cubipol Amine H</li> </ul> </div> <div style="flex: 2; text-align: center;"> <p>1 2 3 4 5 6 7 8 9 10 11 12</p>  </div> </div> <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th>Column</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td> Copolymers as indicated (45 mg/well)</td> </tr> <tr> <td>2</td> <td> Empty column for sample application (1800 µl/well)</td> </tr> <tr> <td>3</td> <td> Dehydrated HighSpec Rho1D4 MagBeads (30 µl pure beads/well)</td> </tr> <tr> <td>4-6</td> <td> Lyophilized equilibration buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well)</td> </tr> <tr> <td>7-10</td> <td> Lyophilized wash buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well)</td> </tr> <tr> <td>11</td> <td> Lyophilized elution buffer (150 mM NaCl, 20 mM HEPES, pH 7.5, 2 mg/ml HighSpec Rho peptide; 250 µl/well)</td> </tr> <tr> <td>12</td> <td> Empty column</td> </tr> </tbody> </table>	Column	Content	1	Copolymers as indicated (45 mg/well)	2	Empty column for sample application (1800 µl/well)	3	Dehydrated HighSpec Rho1D4 MagBeads (30 µl pure beads/well)	4-6	Lyophilized equilibration buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well)	7-10	Lyophilized wash buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well)	11	Lyophilized elution buffer (150 mM NaCl, 20 mM HEPES, pH 7.5, 2 mg/ml HighSpec Rho peptide; 250 µl/well)	12	Empty column
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12	Empty column																
<b>Plate type</b>	Axygen 96 deep-well plate (Corning, Cat. No. P-2ML-SQ-C)																
<b>Protein yield</b>	Highly protein- and copolymer-dependent.																
<b>Working pH</b>	Optimal: pH 7-8																
<b>Application</b>	Automated membrane protein solubilization and purification in 96 well format with Analytik Jena CyBio Felix System (program & protocol provided).																
<b>Stability</b>	6 months after shipping																
<b>Storage</b>	4 °C																
<b>Shipping</b>	4 °C																

<b>Hazards</b>	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
<b>Manufacturer</b>	Cube Biotech

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