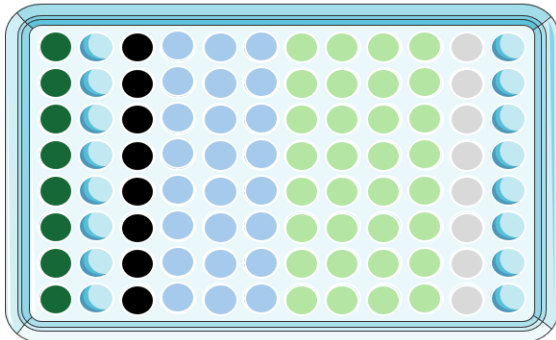


PlateX MP™ Rho1D4 MagBeads

96 deep-well plate (Axygen)

Cat. No.: 90610

Description	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.																											
Plate content	Copolymers: Cubipol Cubipol Glycerol Sulfo-Cubipol Sulfo-Cubipol Medium Sulfo-Cubipol Lite Glyco-Cubipol Cubipol PEG Cubipol Amine A B C D E F G H  <table><tr><th>Column</th><th>Content</th></tr><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></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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Plate type	Axygen 96 deep-well plate (Corning, Cat. No. P-2ML-SQ-C)																											
Protein yield	Highly protein- and copolymer-dependent.																											
Working pH	Optimal: pH 7-8																											
Application	Automated membrane protein solubilization and purification in 96 well format with Analytik Jena CyBio Felix System (program & protocol provided).																											
Stability	6 months after shipping																											
Storage	4 °C																											
Shipping	4 °C																											

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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