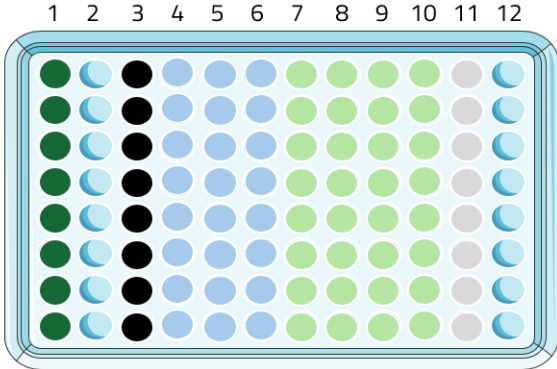


PlateX MP™ Anti-DYKDDDDK MagBeads

96 deep-well plate (INTEGRA)

Cat. No.: 90760

Description	<p>PlateX MP™ Anti-DYKDDDDK MagBeads is a ready-to-use plate for automated membrane protein solubilization and purification via DYKDDDDK-/FLAG-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, anti-DYKDDDDK MagBeads and equilibration, wash and elution buffers - in a lyophilized format.</p>																																																			
Plate content	<p><u>Copolymers:</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Cubipol</td> <td style="width: 5%;">A</td> <td style="width: 45%;"></td> </tr> <tr> <td>Cubipol Glycerol</td> <td>B</td> <td></td> </tr> <tr> <td>Sulfo-Cubipol</td> <td>C</td> <td></td> </tr> <tr> <td>Sulfo-Cubipol Medium</td> <td>D</td> <td></td> </tr> <tr> <td>Sulfo-Cubipol Lite</td> <td>E</td> <td></td> </tr> <tr> <td>Glyco-Cubipol</td> <td>F</td> <td></td> </tr> <tr> <td>Cubipol PEG</td> <td>G</td> <td></td> </tr> <tr> <td>Cubipol Amine</td> <td>H</td> <td></td> </tr> </table>  <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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 anti-DYKDDDDK 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, 0.25 mg/ml FLAG peptide; 250 µl/well)</td> </tr> <tr> <td>12</td> <td> Empty column</td> </tr> </tbody> </table>												Cubipol	A		Cubipol Glycerol	B		Sulfo-Cubipol	C		Sulfo-Cubipol Medium	D		Sulfo-Cubipol Lite	E		Glyco-Cubipol	F		Cubipol PEG	G		Cubipol Amine	H		Column	Content	1	Copolymers as indicated (45 mg/well)	2	Empty column for sample application (1800 µl/well)	3	Dehydrated anti-DYKDDDDK 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, 0.25 mg/ml FLAG peptide; 250 µl/well)	12	Empty column
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Plate type	INTEGRA 96 deep-well plate (INTEGRA, Cat. No. 6353)																																																			
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 INTEGRA ASSIST PLUS 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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