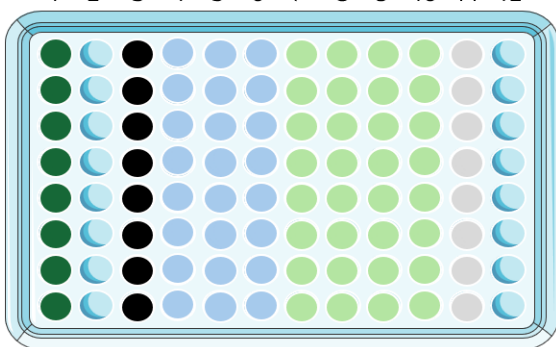


PlateX MP™ Anti-DYKDDDDK MagBeads

96 deep-well plate (Axygen)

Cat. No.: 90710

Description	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.												
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 												
	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										
	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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