

02

PROTEOMICS



Protein Purification Prepacked Columns

biocomma® Protein Purification Prepacked Columns, aiming at simplifying work in protein purification, are specially designed for the purification, desalting and concentration of antibodies, recombinant proteins and other biological macromolecules. The columns offer chromatography solutions with stable quality, convenient operation, and timesaving and labor-saving.



Features

- Optional column volume: 1 mL and 5 mL
- Simply connect to syringes and peristaltic pumps, or other liquid phase purification systems such as ÄKTA

SP Copure FF Prepacked Columns

Prepacked SP Copure FF media is a strong cation exchanger for protein purification, screening, and elution.

Ordering Information

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (µm)	Loading Value	Max. Pressure (Mpa)	pH Range
P-IX0102-11	SP Copure FF Prepacked Columns 1×1mL	4	75	>120mg lysozyme	0.5	4-13
P-IX0102-51	SP Copure FF Prepacked Columns 5×1mL					4-13
P-IX0102-15	SP Copure FF Prepacked Columns 1×5mL	20	75	>120mg lysozyme	0.5	3-14
P-IX0102-55	SP Copure FF Prepacked Columns 5×5mL					3-14

SP Copure HP Prepacked Columns

Prepacked SP Copure HP media is a strong cation exchanger with relatively smaller particle size to provide efficient and high-resolution purification.

Ordering Information

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (µm)	Loading Value	Max. Pressure (Mpa)	pH Range
P-IX0101-11	SP Copure HP Prepacked Columns 1×1mL	4	40	55mg ribonuclease	0.35	4-13
P-IX0101-51	SP Copure HP Prepacked Columns 5×1mL					4-13
P-IX0101-15	SP Copure HP Prepacked Columns 1×5mL	20	40	55mg ribonuclease	0.35	3-14
P-IX0101-55	SP Copure HP Prepacked Columns 5×5mL					3-14

NI Copure FF Prepacked Columns

Prepacked NI Copure FF media is used for preparative purification of histidine-tagged recombinant proteins by chelate and metal ion affinity chromatography.

Ordering Information

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (µm)	Loading Value	Max. Pressure (Mpa)	pH Range
P-AC0101-11	NI Copure FF Prepacked Columns 1×1mL	4	90	> 40mg	0.35	3-12
P-AC0101-51	NI Copure FF Prepacked Columns 5×1mL					
P-AC0101-15	NI Copure FF Prepacked Columns 1×5mL	20	90	> 40mg	0.35	2-14
P-AC0101-55	NI Copure FF Prepacked Columns 5×5mL					

Mab Copure SE Prepacked Columns

Prepacked Mab Copure SE media is a medium used to capture monoclonal antibodies from samples. Ideal for purification of Mab from high-level expression feedstocks with increased media loading.

Ordering Information

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (µm)	Loading Value	Max. Pressure (Mpa)	pH Range
P-AC0301-11	Mab Copure SE Prepacked Columns 1×1mL	4	75	Dynamic 30mg IgG/mL	0.35	3-12
P-AC0301-51	Mab Copure SE Prepacked Columns 5×1mL					
P-AC0301-15	Mab Copure SE Prepacked Columns 1×5mL	20	75	Dynamic 30mg IgG/mL	0.35	3-12
P-AC0301-55	Mab Copure SE Prepacked Columns 5×5mL					

GST Copure FF Prepacked Columns

Prepacked GST Copure FF media is used for one-step high-resolution purification of glutathione S-transferase (GST)-tagged proteins.

Ordering Information

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (µm)	Loading Value	Max. Pressure (Mpa)	pH Range
P-AC0201-11	GST Copure FF Prepacked Columns 1×1mL	4	90	> 12mg	0.5	3-12
P-AC0201-51	GST Copure FF Prepacked Columns 5×1mL					
P-AC0201-15	GST Copure FF Prepacked Columns 1×5mL	20	90	> 12mg	0.5	3-12
P-AC0201-55	GST Copure FF Prepacked Columns 5×5mL					

G-25 Desalting Purification Cartridges

G-25 Desalting Purification Cartridges are packed with gel filtration chromatography medium with dextran as the matrix, and the separation is achieved according to the molecular size of the separated substances through the molecular sieve effect of the network structure in the dextran. During chromatography, the molecules larger than the pore size of the gel are blocked out of the gel phase and travel along the gaps between the gel particles. The large molecules have the fastest migration speed, so they elute first. The medium-sized molecules partially enter the gel phase, so they elute in second. All the small molecules enter the gel phase, so the resistance is max, and they elute at last. Thus, the molecules of different sizes are isolated for subsequent experiments such as PCR, sequencing and molecular cloning.



Ordering Information

Cat. #	Description	Qty.
DG25003	G-25 Purification Cartridges, 0.8 mL/3 mL	50 Pcs/Box
DG25006	G-25 Purification Cartridges, 2 mL/6 mL	40 Pcs/Box
DG25012	G-25 Purification Cartridges, 4 mL/12 mL	20 Pcs/Box
DG25012-1	G25 Centrifugal Desalting Purification Cartridges, 6 mL/12 mL	5 Pcs/Box

GICA Optimizer

biocomma® GICA Optimizer protects antibodies, enhances colloidal stability, and extends antibody shelf life.

Features

- Reduce matrix effects, especially matrix effects of urine sample
- Increase hydrophilicity to shorten the reaction time of antigen-antibody
- Protect antibodies, reduce shedding of labeled antibodies
- Increased accuracy of quantitative test to optimize the standard curve
- Better uniformity and between-run reproducibility



Ordering Information

Cat. #	Description	Qty.
001000	Optimized Kit: SDS-L (20 mL), SDS-F (20g), L-90D (35g), L-30 (35g)	1 Set/Box
001011-1	SDS-L GICA Optimizer (50 mL/Bottle)	4 Bottle/Box
001012-1	SDS-F GICA Optimizer (50 g/Bottle)	4 Bottle/Box
001013-1	L-90D GICA Optimizer (50 g/Bottle)	4 Bottle/Box
001014-1	L-30 GICA Optimizer (50 g/Bottle)	4 Bottle/Box

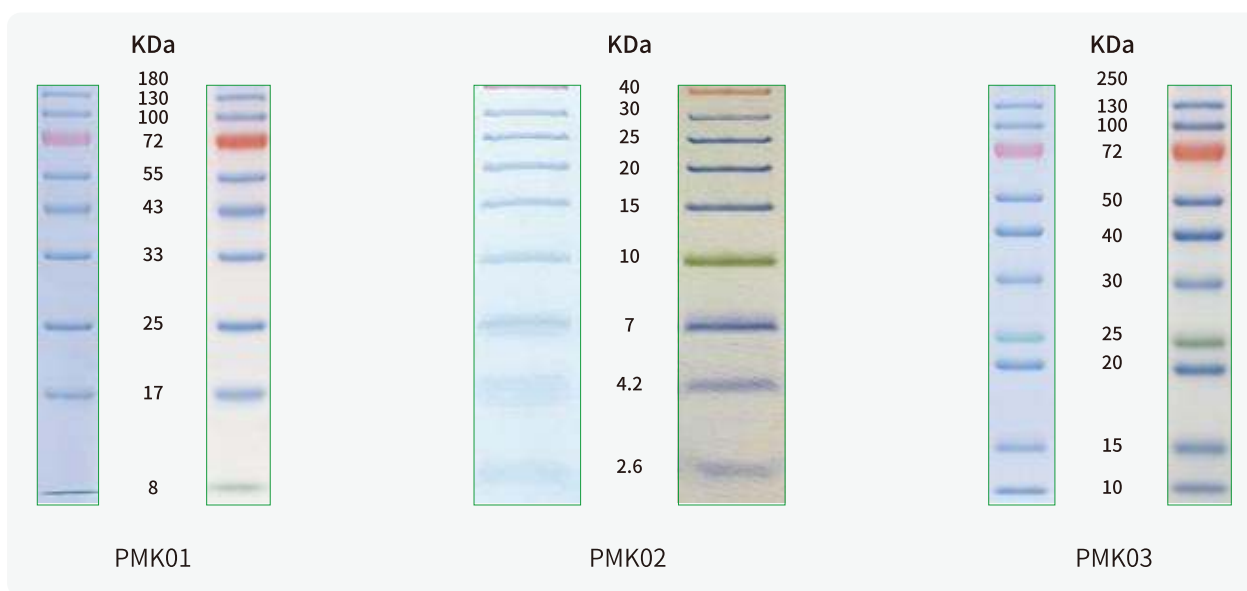
Prestained Protein Ladder

Biocomma® Prestained Protein Ladder is available in various colors of purple, yellow, red, orange, green and blue. The protein ladder can be transported at room temperature, and store up to 2 years at -20°C .



Features

- Broad range
- Precise indication
- Clear band trace
- Colorful prestained colors
- Customization
- Ready to use



Ordering Information

Without His-tag Ladder

Cat. #	Description	Qty.
PMK01-01	Prestained Protein Ladder: 8 (Green), 17, 25, 33, 43, 55, 72(Orange), 100, 130, 180 KDa	250 µL
PMK01-05		5×250 µL
PMK02-01	Prestained Protein Ladder: 2.6, 4.2, 7, 10 (Green), 15, 20, 25, 30, 40 (Orange) KDa	250 µL
PMK02-05		5×250 µL
PMK03-01	Prestained Protein Ladder: 10, 15, 20, 25 (Green), 30, 40, 50, 72 (Orange), 100, 130, 250 KDa	250 µL
PMK03-05		5×250 µL

His-tagged Standard Ladder

Cat. #	Description	Qty.
PMK04-01	Prestained Protein Ladder: 10 (Green), 17, 25, 33, 43, 55, 70 (Orange), 95, 130, 180 KDa	250 µL
PMK04-05		5×250 µL
PMK05-01	Prestained Protein Ladder: 10, 17, 25 (Green), 34, 43, 55, 75 (Orange), 95, 130, 180 KDa	250 µL
PMK05-05		5×250 µL
PMK06-01	Prestained Protein Ladder: 15, 20, 25, 35, 50, 70 (Orange), 100, 130 KDa	250 µL
PMK06-05		5×250 µL