



Biocomma Limited

Protein Separation and Purification Series

Ion Exchange Chromatography

● SP Copure FF Prepacked Columns

SP Copure FF Prepacked Columns are prepacked with SP Copure FF media. A strong cation exchanger is suitable for protein purification, screening and elution.

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (µm)	Loading Value	Max. Operating 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					
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					

● SP Copure HP Prepacked Columns

Strong cation exchange chromatography columns are prepacked with SP Copure HP media. Relatively smaller particle size provides more efficient and high-resolution purification.

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (µm)	Loading Value	Max. Operating 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					
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					

Affinity Chromatography



● NI Copure FF Prepacked Columns

The ready-to-use columns could be used for preparative purification of histidine-tagged recombinant proteins by chelate and metalion affinity chromatography.

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (μm)	Loading Value	Max. Operating 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

Mab Copure SE is a kind of medium to capture monoclonal antibodies from samples, which are highly recommended for Mab purification from high-level expression feedstocks in increased media loading value.

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (μm)	Loading Value	Max. Operating 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 purifies S-transferase (GST)-tagged proteins at high-resolution in one step.

Cat. #	Description	Max. Flow Rate (ml/min)	Partical Diameter (μm)	Loading Value	Max. Operating 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					