

Thermo Scientific Size Exclusion Columns for Proteins

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BioBasic™ SEC columns, based on silica with a proprietary polymeric coating, offer the mechanical stability of silica-based size exclusion columns with higher efficiencies than that of polymer-based columns. Four pore sizes are available, making them ideal for molecular weight determination of peptides and proteins and for sample clean-up prior to other analyses.

| BioBasic Phase | Particle Size (μm) | Pore Size (Å) | Exclusion Limit (kDa) |
|----------------|---------------------|----------------|-----------------------|
| SEC 60 | 5 | 60 | 0.1 - 6 |
| SEC 120 | 5 | 120 | 0.1 - 50 |
| SEC 300 | 5 | 300 | 1 - 500 |
| SEC 1000 | 5 | 1000 | 20 - 4000 |

MABPac SEC-1 (300Å, 5μm diol-bonded silica) is a size exclusion column specifically designed for separation and characterisation of monoclonal antibodies and their aggregates, as well as the analysis of Fab and Fc fragments resulting from proteolysis. Please enquire for ordering information.

Size Exclusion Phases – BioBasic

| BioBasic Phase | Column Dimensions (mm) | | Guard (30 x 7.8mm) |
|----------------|------------------------|--------------|--------------------|
| | 150 x 7.8 | 300 x 7.8 | |
| SEC 60 | 73305-157846 | 73305-307846 | 73305-037821 |
| SEC 120 | 73405-157846 | 73405-307846 | 73405-037821 |
| SEC 300 | 73505-157846 | 73505-307846 | 73505-037821 |
| SEC 1000 | 73605-157846 | 73605-307846 | 73605-037821 |