

GSTrap HP Columns

Product Information

Cat#No# GST-099P

Product Overview

GSTrap HP columns are prepacked with Glutathione Sepharose High Performance resin and provide high-resolution, one-step purifications of glutathione S-Transferase (GST) tagged proteins.

Description

GSTrap HP 1-mL and 5-mL columns are prepacked with Glutathione Sepharose High Performance resin, which provides high-resolution purifications, thus a more concentrated sample. GST-tagged proteins are purified from pretreated bacterial lysates by affinity chromatography using immobilized glutathione, such as Glutathione Sepharose High Performance. GST-tagged proteins are bound to the affinity resin, and impurities are removed by washing with binding buffer.

Characteristic

High resolution purification of GST-tagged proteins.

Mild elution conditions preserving protein antigenicity and function.

Fast, one-step purification.

Easy to use with syringe, pump or a chromatography system.

Applications

Glutathione S-transferase (GST) tagged proteins produced using the pGEX series of expression vectors, Other glutathione S-transferases and glutathione-dependent proteins.

Maximum operating pressure

5 bar [0.5 MPa] (70 psi)

Recommended flow rate

< 4 ml/min

Recommended column height

25 mm

Storage



GSTrap HP Columns

4 to 30°C, 20% Ethanol

Pack size

5 × 1 mL

Dimensions

7 × 25 mm

Column volume

1 ml

Column i.d.

7 mm

Column hardware pressure limit

5 bar (0.5 MPa)

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