Dextrin Sepharose High Performance MBP-tagged protein purification resin

Cat. No. Dextrin-01HP **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Dextrin Sepharose High Performance is a robust and stable affinity resin for purification of proteins tagged with maltose binding protein (MBP). Fast, one-step purification of MBP-tagged proteins. High-resolution purification and elution in narrow peaks, minimizing the need for further concentration steps. Can be used for repeated purification: can be easily regenerated using 0.5 M NaOH. Physiological conditions and mild elution preserve target protein activity.
Chromatography technique	Affinity Chromatography
Chemical stability	Stable in commonly used aqueous buffers, 0.5 M NaOH (regeneration and cleaning)
pH stability, CIP	2–13
Storage	2 to 8°C, 20% Ethanol
Binding	Approx. 7 mg MBP- ΔSal/ml resin Approx. 16 mg MBP- βGal/ml resin
Size	25ml; 100ml
Matrix	Highly cross-linked agarose, 6%
Average particle size	~34 μm

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Ligand	Dextrin
Pack size	25 mL
Flow velocity	< < 300 cm/h

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