

GST Agarose

Catalog: AS044

◆ Introduction

GST Agarose is designed for purification of glutathione S-transferase (GST) fusion proteins from bacteria, insect, and mammalian cells. Using GST Agarose, GST fusion proteins can be directly obtained from bacterial lysates and other media by a one-step method under mild, non-denaturing conditions which can preserve protein activity and function.

◆ Characteristics

Characteristics	Highly group density, Larger loading amount
Matrix	Highly cross-linked agarose, 6%
Dynamic binding capacity	10 mg GST-tagged protein/ml medium
Mean particle size	100µm
Recommended flow rate	<10ml/min
pH stability working range	3-12
working temperature	Room Temperature
Storage temperature	4-8°C
Storage	20% ethanol

◆ Application

This product is suitable for separation of GST fusion proteins, glutathione transferase and other proteins which have an affinity Interaction with glutathione.

◆ Note

- 1、Samples should be centrifuged or passed through 0.45-µm filter to prevent clogging the column.
- 2、Mild method should be adopted during cell lysis to avoid protein denaturation and increase the binding capacity.
- 3、The flow rate is recommended < 1mL/min during loading and < 0.4mL/min during elution.