SuperGlu Agarose Affinity Resin

Datasheet

SuperGlu Agarose Affinity Resin designed for affinity purification of glutathione-S-transferase (GST) fusion proteins. Glutathione has been coupled to 7.5% cross-linked agarose (medium particle diameter 40 µm) to obtain a stable matrix with the highest binding capacity for binding GST fusion proteins (up to 10 mg/ml determined from *E.coli* cleared lysate). SuperGlu Agarose Affinity Resin can be used for batch purification, low pressure column purification, and is compatible with all prokaryotic and eukaryotic expression systems under native conditions (purification is dependent upon correctly folded GST).

Specification:

Specificity:	Glutathione S-transferase
Matrix:	7.5% cross linked agarose
Coupled Ligand:	Glutathione
Binding capacity:	10 mg/ml
Bead size:	32-60 µm (40 µm medium)
Flow Rate:	0.25-1 ml/min (optimum), 6 ml/min (max)
Maximum pressure:	72 psi
Buffer compatibility:	Common aqueous buffers from pH 3-12
Cleaning buffer examples:	1 M sodium acetate pH 4.0, 6 M guanidine-hydrochloride, organic solvents (e.g. 70% (v/v) ethanol), 1% (w/v) SDS, 0.1 M NaOH, or 0.1 M HCl
Shipping/delivery:	50% (v/v) resin suspension in 20% ethanol at ambient temperature
Storage:	Equilibration buffer (short-term) 20% ethanol at 2-8°C (long-term)

Ordering Information:

Product	Volume	Order Code
SuperGlu Agarose Resin (1 ml)	1 ml	SuperGlu1A
SuperGlu Agarose Resin (10 ml)	10 ml	SuperGlu10A
SuperGlu Agarose Resin (25 ml)	25 ml	SuperGlu25A
SuperGlu Agarose Resin (100 ml)	100 ml	SuperGlu100A

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