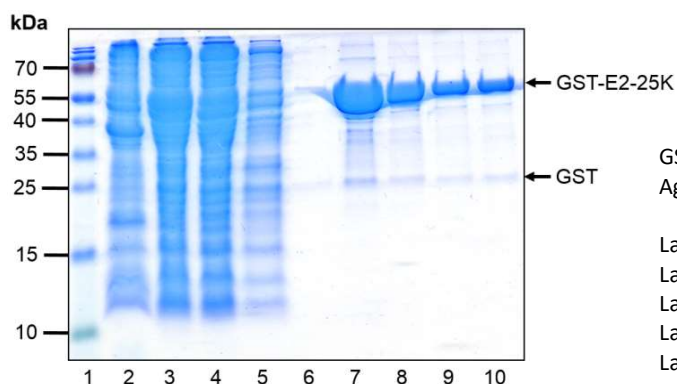


Glutathione Xpure Agarose Resin

Cat. # P3060-10, P3060-100

Size:	10 ml (Cat.# P3060-10), 100 ml (Cat.# P3060-100)
Bead (Geometry, size):	Spherical, Standard: ~ 45-165 µm
Cross-Linked:	No
Ligand:	Glutathione
Agarose %:	4% Agarose
Binding Capacity:	> 10 mg recombinant GST/ml gel (binding capacity may vary for each GST-tagged protein)
Volume %:	50% (v/v) aqueous suspension containing 20% Ethanol
Application:	Batch, FPLC-based protein purification. Research use only.
Introduction:	Glutathione Xpure Agarose Resin consists of glutathione covalently conjugating on 4% highly cross-linked agarose beads. It has high binding affinity and specificity to the Glutathione S-transferase (GST) protein. GST-tagged proteins can be highly purified by batch (gravity) or FPLC in a one step purification method. Bound GST-tagged proteins can be eluted from the resin using a buffer containing 10 mM reduced glutathione.

Image(s):



GST-E2-25K was purified with Glutathione Agarose Resin using a gravity column.

Lane 1: Molecular weight marker
Lane 2: Cell pellet after sonication
Lane 3: Supernatant after sonication
Lane 4: Flow through after binding
Lane 5: Wash
Lane 6: Elution 1
Lane 7: Elution 2
Lane 8: Elution 3
Lane 9: Elution 4
Lane 10: Elution 5

Storage Temperature: 4-8 °C