

Orochem EZ Pure Glutathione Resin

Orochem Glutathione Resin is an affinity chromatography matrix designed for easy, one-step purification of recombinant glutathione S-transferase (GST) fusion proteins and other glutathione binding proteins from cellular lysates. The resin is available in several package sizes of resin slurry, centrifuge-ready spin columns, chromatography cartridges, complete purification kits and 96-well filter plates for high-throughput applications.

HIGHLIGHTS

- **High Capacity** – binds at least 40mg of purified recombinant GST protein per mL of resin
- **Agarose Resin** – support is crosslinked 6% beaded agarose, the most popular resin for protein affinity purification methods
- **Cost-Effective** – resin is economically priced and can be reused at least five times without reduction in binding capacity and purification performance
- **Multiple Formats** – A wide variety to choose from bottled resin slurries, spin columns, chromatography cartridges, complete purification kits and high-throughput compatible 96-well filter plates.
- **Versatile** – works well to purify GST-fusion proteins from bacterial lysates or use with pre-purified GST-tagged proteins to pull down protein interactions
- **Easy to use** – pre-formulated buffers available for kit formats

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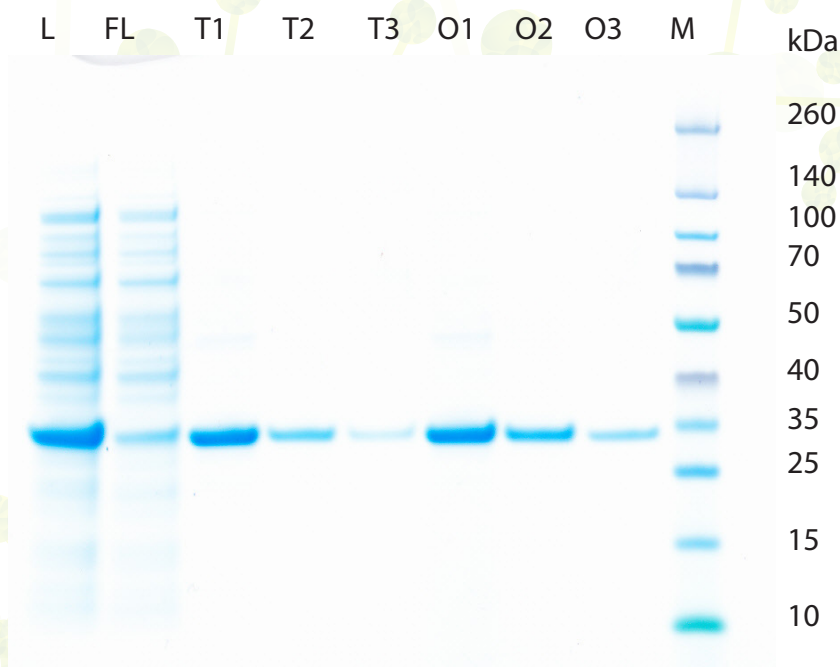


Figure 1: Comparison of Orochem EZ Pure Glutathione resin to other supplier's resin:

Bacterial lysate (~1 mg total protein) containing over-expressed GST-c-myc tag in equilibration/wash buffer (1:1 diluted in 50 mM Tris, 150 mM NaCl, pH 8.0) was applied to 1 mL of EZ Pure Glutathione resin in a spin column and incubated with the resin for 30 minutes at room temperature by gentle end-over-end mixing. The resin was washed with 6 mL of wash buffer and the GST-c-myc tag protein was eluted with 3 mL (3 x 1 mL) of elution buffer (50 mM Tris, 150 mM NaCl, 10 mM reduced glutathione, pH 8.0). The fractions were analyzed by SDS-PAGE under reducing conditions; L: Lysate; FT: Flow through; T1-3: GST fractions purified using supplier T resin ; O1-O3: GST fractions purified using Orochem resin and M: Molecular weight marker.

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Ordering Information: Please enquire for price. ****25% less than other suppliers****

Catalog No.	Description	Package Size
OCPGTBK-05	EZ Pure Glutathione Agarose Formulation: Glutathione on crosslinked 6% beaded agarose, slurried in water with sodium azide. Sufficient For: Binding >10mg of GST-tagged protein per mL of resin	5 mL
OCPGTBK-25	EZ Pure Glutathione Agarose	25 mL
OCP-GTBK-100	EZ Pure Glutathione Agarose	100 mL
OCPGTSC-0.2	EZ Pure Glutathione Agarose Spin Columns, 0.2 mL	25
OCPGTSC-1.0	EZ Pure Glutathione Agarose 96-well plate, Formulation: 96-well filter plates containing 50µL of resin per well; Includes collection plates. Sufficient For: Binding approx. 1mg of GST-tagged protein per well	5
OCPGTSP96	EZ Pure Glutathione Resin 96-well plate, Formulation: 96-well filter plates containing 100µL Glutathione Resin per well; Includes collection plates. Sufficient For: Binding approx. 1mg of GST-tagged protein per well	2
OCPGSTSPK1	EZ Pure GST Spin Purification Kit Formulation: Multi-component kit Sufficient For: Purifying approx. 10mg of GST-tagged protein per column. Kit Contents: Pierce Glutathione Spin Columns, 1mL, 5 columns Equilibration/Wash Buffer, 250mL Glutathione, 184mg Column Plugs, 5 plugs	1