

For Research Use Only

GST-Trap Agarose



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Catalog Number: sta

19 Publications

Basic Information

Catalog Number:

sta

Applications:

IP, CoIP, ChIP, RIP

Conjugate:

Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)

Host:

Alpaca

Type:

Nanobody

Class:

Recombinant

Description

GST-Trap is an affinity resin for IP of GST fusion proteins. It consists of a GST Nanobody/ VHH coupled to agarose beads.

Binding capacity

7.5-10 µg of recombinant GST per 25 µL bead slurry

Specificity/Target

Glutathione S-Transferase (GST) from *Schistosoma japonicum*

Elution buffer

SDS sample buffer
0.2 M glycine pH 2.5

Affinity (K_D)

Dissociation constant K_D of 1 nM

Storage

Storage:

Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!

Storage Buffer:

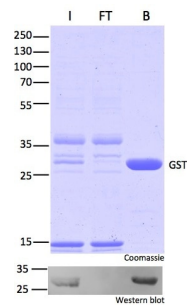
20% ethanol

For technical support and original validation data for this product please contact

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1(312) 455-8498 (outside USA) W: www.ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Pull-down of GST with GST-Trap Agarose:
Coomassie and Western blot; Immunoprecipitation
of GST with GST-Trap. Note effective pull-down of
GST-fusion proteins: No GST-fusions left in non-
bound (FT) lane in Western Blot. I: Input, FT: Flow-
Through, B: Bound.