

For Research Use Only

GFP-Trap® Magnetic Particles M-270, Kit for Immunoprecipitation



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Catalog Number: gtdk

10 Publications

Basic Information

Catalog Number:
gtdk

Applications:
IP, CoIP, ChIP, RIP

Conjugate:
Magnetic Particles M-270, size: 2.8 µm
high throughput-compatible

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

GFP-Trap® Magnetic Particles M-270 for immunoprecipitation (IP) of GFP-tagged proteins. GFP-Trap® Magnetic Particles M-270 is highly recommended, when very large proteins/complexes are investigated, and magnetic separation is needed for IP. It consists of a GFP VHH/ Nanobody coupled to Magnetic Particles M-270.

Binding capacity

2-2.8 µg of recombinant GFP per 25 µL bead slurry

Specificity/Target

AcGFP, Clover, eGFP, Emerald, GFP, GFP5, GFP Envy, GFP S65T, mGFP, mPhluorin, PA-GFP, Superfolder GFP, TagGFP, TagGFP2, monomeric eGFP A206K, CFP, YFP, Citrine, eCitrine, eYFP, Venus, Ypet, BFP
For the complete list, please click here: [Fluorescent protein specificity table](#)

Elution buffer

SDS sample buffer
0.2 M glycine pH 2.5

Affinity (K_D)

Dissociation constant K_D of 1 pM

Storage

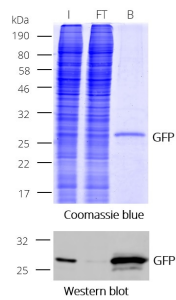
Storage:
Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!
Storage Buffer:
PBS with 0.09% sodium azide

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

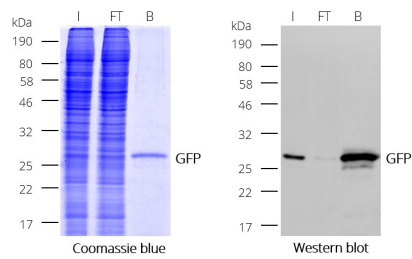
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

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

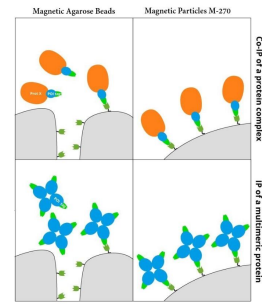
Selected Validation Data



Immunoprecipitation (IP) of GFP with GFP-Trap Magnetic Particles M-270. I: Input, FT: Flow-Through, B: Bound.



Immunoprecipitation (IP) of GFP with GFP-Trap Magnetic Particles M-270: Coomassie and Western blot (I: Input, FT: Flow-Through, B: Bound).



Cartoon to visualize the binding of large GFP-fusion proteins (GFP (green) + protein of interest (POI, blue) with interacting partner X (Prot X, orange) or multimeric proteins (GFP (green) + protein of interest (POI, blue) to the GFP VHH (dark green) of GFP-Trap Magnetic Agarose or GFP-Trap Magnetic Particles M-270.