

Catalog Number: gtd

79 Publications

Basic Information

Catalog Number:
gtd**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

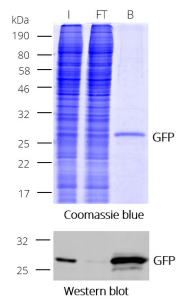
Affinity (K_D)Dissociation constant K_D of 1 pM

Storage

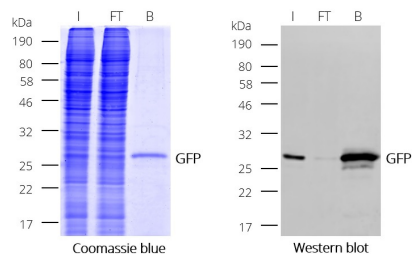
Storage:
Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!

Storage Buffer:
PBS with 0.09% sodium azide

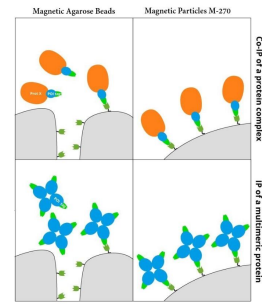
Selected Validation Data



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.