For Research Use Only

V5-Trap® Magnetic Particles M-270

www.ptglab.com

Catalog Number: v5td

2 Publications

Basic Information

Catalog Number:
v5td

Applications:
IP, CoIP, ChIP, RIP, Protein purification

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

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

The ChromoTek V5-Trap® Magnetic Particles M-270 consists of an anti-V5-tag Nanobody (VHH), which is covalently bound to Magnetic Particles M-270. V5-Trap Magnetic Particles M-270 is used to immunoprecipitate V5-tagged fusion proteins from cell extracts of various organisms like mammals, plants, bacteria, yeast, insects etc.

Binding capacity

0.62-1.25 µg of recombinant V5-tagged protein (~30 kDa) per 25 µL bead slurry

Specificity/Target

V5-tag sequence GKPIPNPLLGLDST at the N-terminus, C-terminus, or internal site of the fusion protein.

Elution buffer

V5-peptide
SDS sample buffer
0.2 M glycine pH 2.5

Affinity (K_D)

Dissociation constant K_D of 40 nM

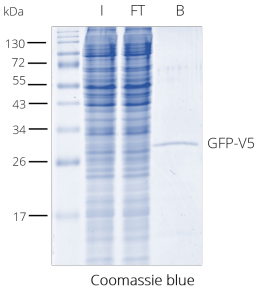
Storage

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

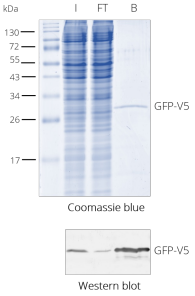
Storage Buffer:
PBS with 0.09% sodium azide

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

Selected Validation Data



V5-Trap® Magnetic Particles M-270 for immunoprecipitation of V5 fusion proteins. HEK293T cell lysate with V5-tagged protein. I: Input, FT: Flow-Through, B: Bound.



V5-Trap® Magnetic Particles M-270 for immunoprecipitation of V5 fusion proteins. HEK293T cell lysate with V5-tagged protein. Coomassie and Western blot. V5-tag antibody [SV5-P-K], monoclonal mouse IgG1 kappa and anti-mouse secondary antibody. I: Input, FT: Flow-Through, B: Bound