

For Research Use Only

# V5-Trap® Magnetic Particles M-270, Kit for Immunoprecipitation



www.ptglab.com

Catalog Number: v5tdk

## Basic Information

**Catalog Number:**  
v5tdk

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

**Conjugate:**  
Magnetic Particles M-270, size: 2.8 µm <br>high  
throughput-compatible

**Host:**  
Alpaca

**Type:**  
Nanobody

**Class:**  
Recombinant

## Description

The ChromoTek V5-Trap® Magnetic Particles M-270 Kit consists of an anti-V5-tag Nanobody (VHH), which is covalently bound to Magnetic Particles M-270. V5-Trap Magnetic Particles M-270 Kit 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 GKIPNPLLGLDST 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<sub>D</sub>)

Dissociation constant K<sub>D</sub> of 40 nM

## Storage

**Storage:**

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

**Storage Buffer:**

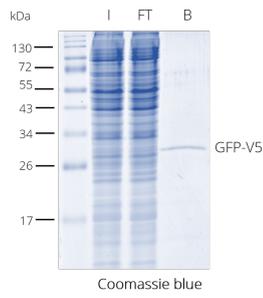
PBS with 0.09% sodium azide

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

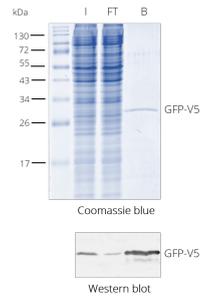
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com  
1(312) 455-8498 (outside USA) W: www.ptglab.com

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

## Selected Validation Data



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.



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