For Research Use Only V5-Trap® Magnetic Agarose



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Catalog Number: v5tma 30 Publications

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Alpaca **Applications:** IP, CoIP, ChIP, RIP, Protein purification Type: Nanobody

Class: Recombinant

Host:

Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic agarose beads)

The ChromoTek V5-Trap® Magnetic Agarose is an affinity resin for IP of V5-tagged proteins. It consists of a anti V5 Nanobody/VHH coupled to magnetic agarose beads. **Description**

17.5 µg of recombinant V5-tagged protein (~30 kDa) per 25 µL bead slurry **Binding capacity**

Specificity/Target $V5\text{-tag sequence GKPIPNPLLGLDST} \ at the \ N\text{-terminus}, \ C\text{-terminus}, \ or \ internal \ site \ of the \ fusion \ protein.$

Elution buffer

V5-peptide SDS sample buffer 0.2 M glycine pH 2.5

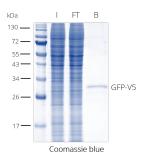
Affinity (KD) Dissociation constant K_D of 40 nM

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

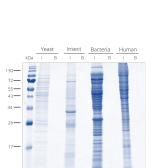
Storage Buffer: 20% ethanol

1(312) 455-8498 (outside USA)

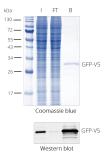
Selected Validation Data



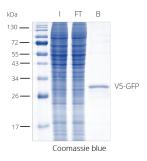
V5-Trap® Magnetic Agarose for immunoprecipitation of V5-tagged proteins. The V5-tag is C-terminal. I: Input, FT: Flow-through, B: Bound.



Very low background of V5-Trap® Magnetic Agarose: IP from different cell lysates without V5-tagged protein.



Pulldown of V5-tagged protein (V5-tag at C-terminus) with V5-Trap® Magnetic Agarose beads, Coomassie and Western blot. Western blot: V5-tag antibody [SV5-P-K], monoclonal mouse IgG1 kappa and anti-mouse IgG1 Nano-Secondary Alexa Fluor® 488 I: input, FT: Flow-through, B: Bound.



V5-Trap® Magnetic Agarose for pull-down of V5-tagged proteins. V5 at the N-terminus. I: Input, FT: Flow-through, B: Bound.