

For Research Use Only

Halo-Trap Magnetic Agarose, Kit for Immunoprecipitation



www.ptglab.com

Catalog Number: **otmak**

Basic Information

Catalog Number:
otmak

Applications:
IP, CoIP, ChIP, RIP

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

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

The ChromoTek Halo-Trap Magnetic Agarose Kit consists of an anti-Halo-tag Nanobody (VHH), which is covalently bound to magnetic agarose beads. Halo-Trap Magnetic Agarose Kit is used to immunoprecipitate Halo-tag proteins from cell extracts of various organisms like mammals, plants, bacteria, yeast, insects etc. in the absence or presence of a covalently bound ligand. The interaction between Halo-Trap and the Halo-tag protein is reversible.

Binding capacity

12.5 µg of recombinant Halo-tag per 25 µL bead slurry

Specificity/Target

Halo-tag (modified variant of the bacterial haloalkane dehalogenase enzyme from *Rhodococcus rhodochrous*) in the absence or presence of covalently bound chloroalkane-based ligands.

Elution buffer

SDS sample buffer
0.2 M glycine pH 2.5

Affinity (K_D)

Dissociation constant K_D of 2 nM

Storage

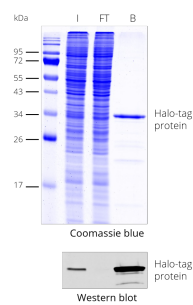
Storage:
Upon receipt store at +4°C. Do not freeze!
Storage Buffer:
20% ethanol

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

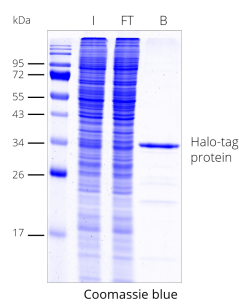
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

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

Selected Validation Data



Halo-Trap Magnetic Agarose for immunoprecipitation of Halo-tag proteins. HEK293T cell lysate with Halo-tag protein. Coomassie and Western blot. Halo-tag antibody [28A8], monoclonal mouse IgG1 and anti-mouse secondary antibody. I: Input, FT: Flow-Through, B: Bound



Halo-trap Magnetic Agarose for immunoprecipitation of Halo-tag proteins. HEK293T cell lysate with Halo-tag protein. I: Input, FT: Flow-Through, B: Bound