

For Research Use Only

His Fab-Trap® Magnetic Particles M-270, Kit for Immunoprecipitation



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Catalog Number: hfdk

Basic Information

Catalog Number:
hfdk

Applications:
IP, Co-IP

Conjugate:
Magnetic Particles M-270; size: 2.8 µM

Host:
Mouse

Type:
Fab-fragment

Class:
Recombinant

Description

The ChromoTek His Fab-Trap® Magnetic Particles M-270 Kit consists of an anti-His-tag Fab-fragment, which is covalently bound to magnetic particles. It also contains lysis, wash, and elution buffers that can be used for the immunoprecipitation of His-tagged proteins from cell extracts of various organisms. It is highly recommended when very large proteins/complexes are being investigated.

Specificity/Target

Binds specifically to the His-tag (also known as hexahistidine or His6-tag) fused to a protein of interest at N-, C- or internal position. Please note that the affinity is highest for a C-terminal fusion (dissociation constant K_D of 10 nM for a C-terminal His-tag and 220 nM for an N-terminal His-tag).

Elution buffer

2x SDS-sample buffer (Lämmli), 200 mM glycine pH 2.5 or 100 µM His-Peptide

Affinity (K_D)

10 nM for a C-terminal His-tag and 220 nM for a N-terminal His-tag

Storage

Storage:

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

Storage Buffer:

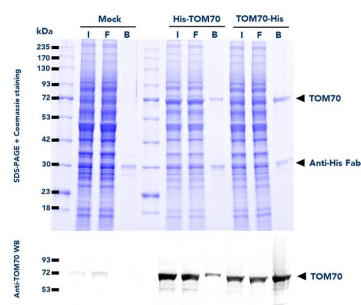
PBS pH 7.4. Preservative: 0.09% sodium azide

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



IP using His Fab-Trap® Magnetic Particles M-270 (hfd) from untransfected HEK293T (mock) and HEK293T cells transfected with either His-TOM70 or TOM70-His fusion proteins. WB detection of TOM70 protein was also done on samples from the Input (I), Flow-Through (F), and Bound (B) fractions using Anti-TOM70 Polyclonal Antibody (14528-1-AP) and ChromoTek Nano-Secondary alpaca anti-rabbit IgG, CoraLite Plus 488 (srb2GCL488-1).