

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 KD 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<sub>D</sub>)

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:

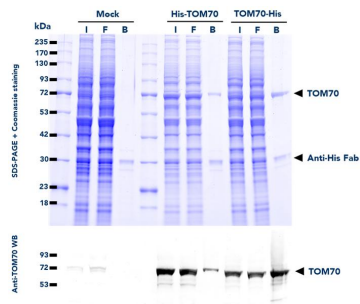
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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).