

For Research Use Only

# HNF4A Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01183-4

## Capture Antibody Information

Catalog Number:  
84316-1-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241593B9

Reactivity:  
human

Immunogen Catalog Number:  
Ag24647

Conjugate:  
Unconjugated

Full name:  
hepatocyte nuclear factor 4, alpha

Gene ID:  
3172

## Detection Antibody Information

Catalog Number:  
84316-6-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241593F8

Reactivity:  
human

GenBank:  
BC137539

Immunogen Catalog Number:  
Ag24647

Conjugate:  
Unconjugated

Full name:  
hepatocyte nuclear factor 4, alpha

Gene ID:  
3172

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
1.25-80 ng/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01183-4 targets HNF4A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: HNF4A Recombinant antibody, PBS Only (Capture) 84316-1-PBS (241593B9). 100 µg. Concentration 1 mg/ml.

Detection antibody: HNF4A Recombinant antibody, PBS Only (Detector) 84316-6-PBS (241593F8). 100 µg. Concentration 1 mg/ml.

Alternative HNF4A matched antibody pairs: MP01183-1, MP01183-2, MP01183-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.  
Storage buffer:  
PBS only

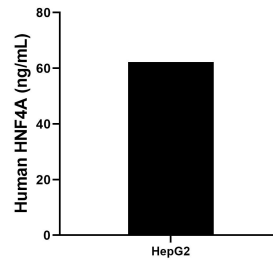
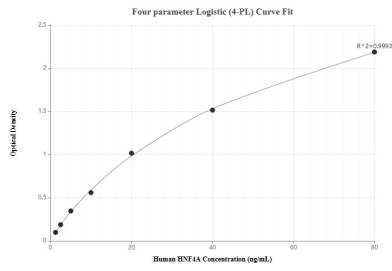
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP01183-4, Human HNF4A Recombinant Matched Antibody Pair - PBS only. 84316-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag24647. 84316-6-PBS was HRP conjugated as the detection antibody. Range: 1.25-80 ng/mL

The mean HNF4A concentration was determined to be 62.18 ng/mL in HepG2 cell extract based on a 2.0 mg/mL extract load.