

For Research Use Only

# GUF1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02616-1

## Capture Antibody Information

Catalog Number:  
86747-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
251449E7

Reactivity:  
human

Immunogen Catalog Number:  
Ag11579

Conjugate:  
Unconjugated

Full name:  
GUF1 GTPase homolog (*S. cerevisiae*)

Gene ID:  
60558

## Detection Antibody Information

Catalog Number:  
86747-2-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
251449B7

Reactivity:  
human

GenBank:  
BC036768

Immunogen Catalog Number:  
Ag11579

Conjugate:  
Unconjugated

Full name:  
GUF1 GTPase homolog (*S. cerevisiae*)

Gene ID:  
60558

## Applications

Tested Applications:  
Cytometric bead array

Range:  
0.625-80 ng/mL (Cytometric Bead Array)

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

## Product Information

MP02616-1 targets GUF1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: GUF1 Recombinant monoclonal antibody, PBS Only (Capture) 86747-3-PBS (251449E7). 100 µg. Concentration 1 mg/mL.

Detection antibody: GUF1 Recombinant monoclonal antibody, PBS Only (Detector) 86747-2-PBS (251449B7). 100 µg. Concentration 1 mg/mL.

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

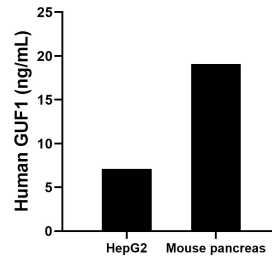
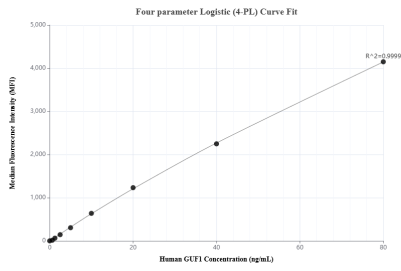
For technical support and original validation data for this product please contact:

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)

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

## Selected Validation Data



Cytometric bead array standard curve of MP02616-1, GUF1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86747-3-PBS. Detection antibody: 86747-2-PBS. Standard: Ag11579. Range: 0.625-80 ng/mL

The mean GUF1 concentration was determined to be 7.1 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 19.1 ng/mL in mouse pancreas tissue extract based on a 10.6 mg/mL extract load.