

For Research Use Only

# MTNR1A Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83234-2-PBS



## Basic Information

Catalog Number:

83234-2-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24198

GenBank Accession Number:

BC074947

GeneID (NCBI):

4543

UNIPROT ID:

P48039

Full Name:

melatonin receptor 1A

Calculated MW:

350 aa, 39 kDa

Purification Method:

Protein A purification

CloneNo.:

240005C3

## Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

## Background Information

### Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

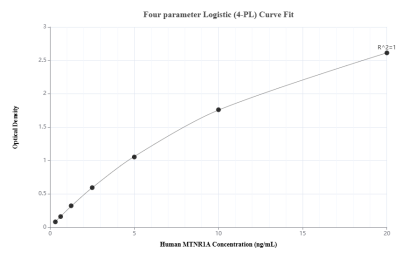
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

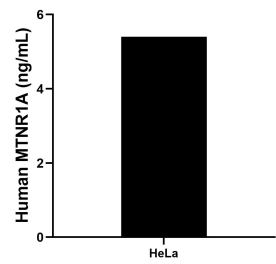
W: [ptgcn.com](http://ptgcn.com)

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

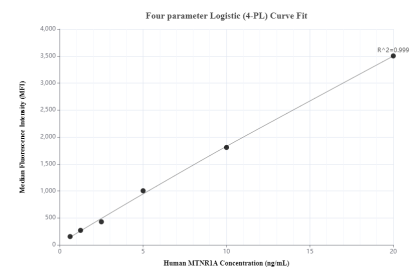
# Selected Validation Data



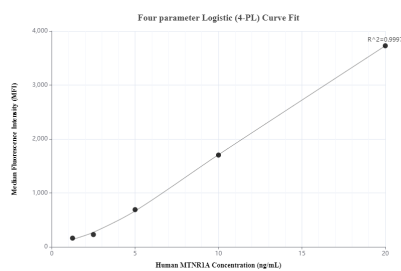
Sandwich ELISA standard curve of MP00214-3, Human MTNR1A Recombinant Matched Antibody Pair - PBS only. 83234-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag24198. 83234-5-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean MTNR1A concentration was determined to be 5.40 ng/mL in HeLa cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP00214-1, MTNR1A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83234-1-PBS. Detection antibody: 83234-2-PBS. Standard: Ag24198. Range: 0.625-20 ng/mL



Cytometric bead array standard curve of MP00214-2, MTNR1A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83234-2-PBS. Detection antibody: 83234-3-PBS. Standard: Ag24198. Range: 1.25-20 ng/mL