

For Research Use Only

# eNOS Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01737-1**

## Capture Antibody Information

**Catalog Number:**  
85020-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242543B2  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag25712

**Conjugate:**  
Unconjugated  
**Full name:**  
nitric oxide synthase 3 (endothelial cell)  
**Gene ID:**  
4846

## Detection Antibody Information

**Catalog Number:**  
85020-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242543B3  
**Reactivity:**  
human  
**GenBank:**  
**Immunogen Catalog Number:**  
Ag25712

**Conjugate:**  
Unconjugated  
**Full name:**  
nitric oxide synthase 3 (endothelial cell)  
**Gene ID:**  
4846

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.313-40 ng/mL (Cytometric Bead Array)  
97.7-6250 pg/mL (Sandwich ELISA)

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

## Product Information

MP01737-1 targets eNOS in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NOS3 Recombinant antibody, PBS Only (Capture) 85020-1-PBS (242543B2). 100 µg. Concentration 1 mg/mL.

Detection antibody: NOS3 Recombinant antibody, PBS Only (Detector) 85020-2-PBS (242543B3). 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

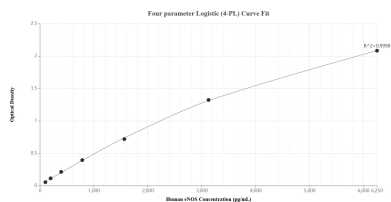
For technical support and original validation data for this product please contact:

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

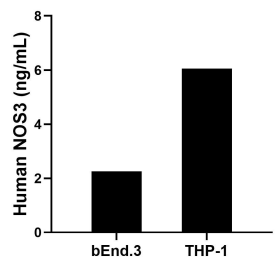
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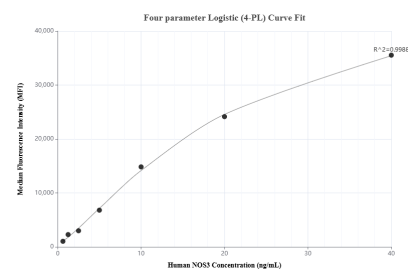
## Selected Validation Data



Sandwich ELISA standard curve of MP01737-1, Human eNOS Recombinant Matched Antibody Pair - PBS only. 85020-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag25712. 85020-2-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL.



The mean eNOS concentration was determined to be 2.3 ng/mL in bEnd.3 cell extract based on a 1.3 mg/mL extract load and 6.1 ng/mL in THP-1 cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01737-1, NOS3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85020-1-PBS. Detection antibody: 85020-2-PBS. Standard: Ag25712. Range: 0.313-40 ng/mL.