

# Neurogranin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00606-1

## Capture Antibody Information

**Catalog Number:**  
83593-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240526G1  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag0676

**Conjugate:**  
Unconjugated  
**Full name:**  
neurogranin (protein kinase C substrate, RC3)  
**Gene ID:**  
4900

## Detection Antibody Information

**Catalog Number:**  
83593-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240526E12  
**Reactivity:**  
human  
**GenBank:**  
BC002835  
**Immunogen Catalog Number:**  
Ag0676

**Conjugate:**  
Unconjugated  
**Full name:**  
neurogranin (protein kinase C substrate, RC3)  
**Gene ID:**  
4900

## Applications

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

**Range:**  
0.156-20 ng/mL (Cytometric Bead Array)  
19.5-1250 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

MP00606-1 targets Neurogranin in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Neurogranin Recombinant antibody, PBS Only (Capture) 83593-4-PBS (240526G1). 100 µg. Concentration 1 mg/mL.

Detection antibody: Neurogranin Recombinant antibody, PBS Only (Detector) 83593-1-PBS (240526E12). 100 µg. Concentration 1 mg/mL.

Alternative Neurogranin matched antibody pairs: MP00606-2

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

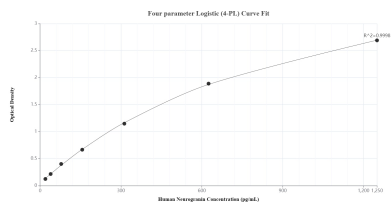
For technical support and original validation data for this product please contact:

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

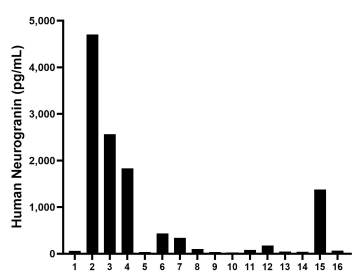
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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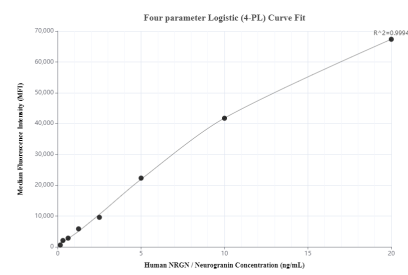
## Selected Validation Data



Sandwich ELISA standard curve of MP00606-1, Human Neurogranin Recombinant Matched Antibody Pair - PBS only. 83593-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0676. 83593-1-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Plasma of sixteen individual healthy human donors was measured. The Neurogranin concentration of detected samples was determined to be 746.0 pg/mL with a range of 29.2-4,704.6 pg/mL



Cytometric bead array standard curve of MP00606-1, NRG1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83593-4-PBS. Detection antibody: 83593-1-PBS. Standard: Ag0676. Range: 0.156-20 ng/mL