

For Research Use Only



PDE5A Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01762-3

Capture Antibody Information

Catalog Number:
85030-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242597G11

Reactivity:
human

GenBank:
BC126233

Immunogen Catalog Number:
Ag18779

Conjugate:
Unconjugated

Full name:
phosphodiesterase 5A, cGMP-specific

Gene ID:
8654

Detection Antibody Information

Catalog Number:
85030-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242597B10

Reactivity:
human

GenBank:
BC126233

Immunogen Catalog Number:
Ag18779

Conjugate:
Unconjugated

Full name:
phosphodiesterase 5A, cGMP-specific

Gene ID:
8654

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 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

MP01762-3 targets PDE5A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PDE5A Recombinant antibody, PBS Only (Capture) 85030-4-PBS (242597G11). 100 μ g. Concentration 1 mg/mL.

Detection antibody: PDE5A Recombinant antibody, PBS Only (Detector) 85030-1-PBS (242597B10). 100 μ g. 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.

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:

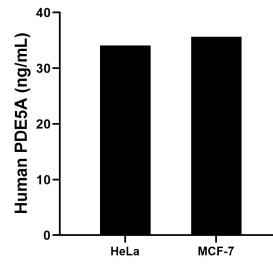
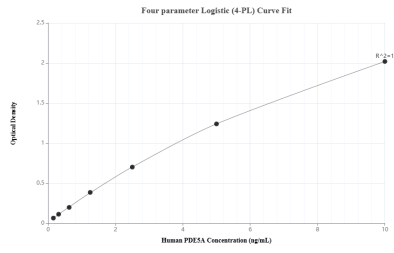
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Sandwich ELISA standard curve of MP01762-3, Human PDE5A Recombinant Matched Antibody Pair - PBS only. 85030-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18779. 85030-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL

The mean PDE5A concentration was determined to be 34.07 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load and 35.64 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.