For Research Use Only

Rat Progranulin/PGRN Recombinant Matched Antibody Pair, PBS Only

proteintech®
Antibodies | ELISA kits | Proteins
www.ptgcn.com

Catalog Number:MP03625-2

Capture Antibody Information

Catalog Number:
88653-5-PBS

Clone ID:
261239C12

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
granulin

Isotype:
IgG

GenBank:

Gene ID:
29143

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg3241

Detection Antibody Information

Catalog Number:
88653-4-PBS

Clone ID:
261239C11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
granulin

Isotype:
IgG

GenBank:

Gene ID:
29143

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg3241

Applications

Tested Applications:
Sandwich ELISA

Range:
0.313-10 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

MP03625-2 targets Progranulin/PGRN in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat Progranulin/PGRN Recombinant monoclonal antibody, PBS Only (Capture) 88653-5-PBS (261239C12). 100 μg. Concentration 1 mg/ml.

Detection antibody: Rat Progranulin/PGRN Recombinant monoclonal antibody, PBS Only (Detector) 88653-4-PBS (261239C11). 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.

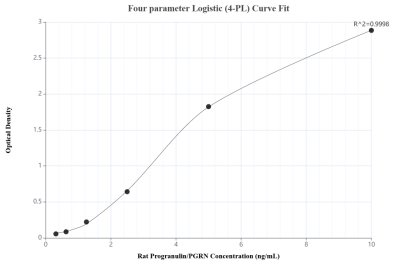
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

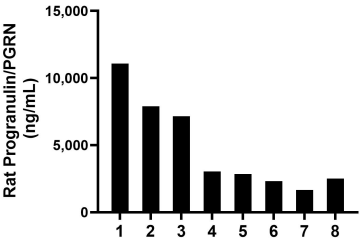
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

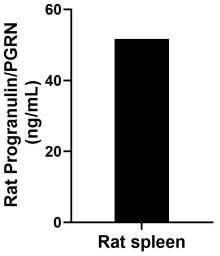
Selected Validation Data



Sandwich ELISA standard curve of MP03625-2, Rat Progranulin/PGRN Recombinant Matched Antibody Pair - PBS only. 88653-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3241. 88653-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL.



Serum of eight rats was measured. The Progranulin/PGRN concentration of detected samples was determined to be 4,812.03 ng/mL with a range of 1,661.35-11,089.45 ng/mL.



One rat spleen was cultured for 18 hours in RPMI 1640 supplemented with 10% fetal bovine serum, 50 uM β-mercaptoethanol, 2 mM L-glutamine, and 100 ug/mL of streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for rat Progranulin/PGRN and measured 51.70 ng/mL.