

For Research Use Only

# GDNF Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:83087-4-PBS



## Basic Information

Catalog Number:

83087-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

HZ-1311

GenBank Accession Number:

BC069369

GeneID (NCBI):

2668

UNIPROT ID:

P39905

Full Name:

glial cell derived neurotrophic factor

Calculated MW:

211 aa, 24 kDa

Purification Method:

Protein A purification

CloneNo.:

250395H2

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

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, pH7.3

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

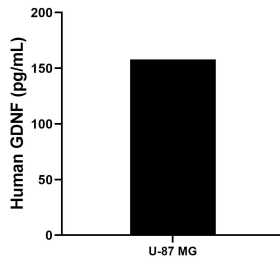
T: 4006900926

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

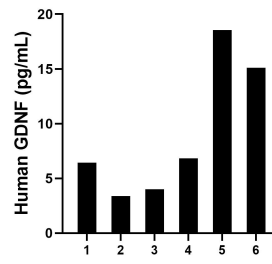
W: [ptgcn.com](http://ptgcn.com)

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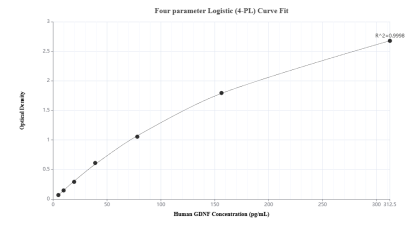
## Selected Validation Data



The mean GDNF concentration was determined to be 158.0 pg/mL in U-87MG cell extract based on a 1.2 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The human GDNF concentration of detected samples was determined to be 9.1 pg/mL with a range of 3.4-18.5 pg/mL.



Sandwich ELISA standard curve of MP02939-1, Human GDNF Recombinant Matched Antibody Pair - PBS only. 83087-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1311. 83087-3-PBS was HRP conjugated as the detection antibody. Range: 4.88-313 pg/mL